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SYMBOLS

p	-	preliminary figures
r	-	revised figures
I.R.	-	insufficient returns
- or N/A	-	figures not available or applicable
x	-	figures confidential
Cwt.	-	hundred weight(s)
F.O.B.	-	free on board
gm.	-	gram
GWH	-	gigawatt hour
Kg	-	kilogram
M	-	thousand(s)
M Tonnes	-	thousands of metric tons
Mm	-	thousands of meters
m3	-	cubic meters
Mm3	-	thousands of cubic meters
M Mm3	-	millions of cubic meters
M ha	-	thousands of hectares

PREFACE

The Alberta Statistical Review, Annual - 1981 presents a general overview of prevailing social and economic conditions in the province of Alberta. To this purpose, it provides a wide variety of statistics pertaining to Alberta, and is grouped into the following major subject areas:

People, Labour Force, Personal Income, Economic Indicators, and Industry.

Tables present data at the provincial level, as well as some subprovincial levels, and for comparison purposes may provide a five to ten year review.

Each section is preceeded by a brief analysis which highlights interesting facts or trends within that area.

For further information, or additional copies of this report, please contact the Information Services Section, Alberta Bureau of Statistics, telephone (403) 427-3058.

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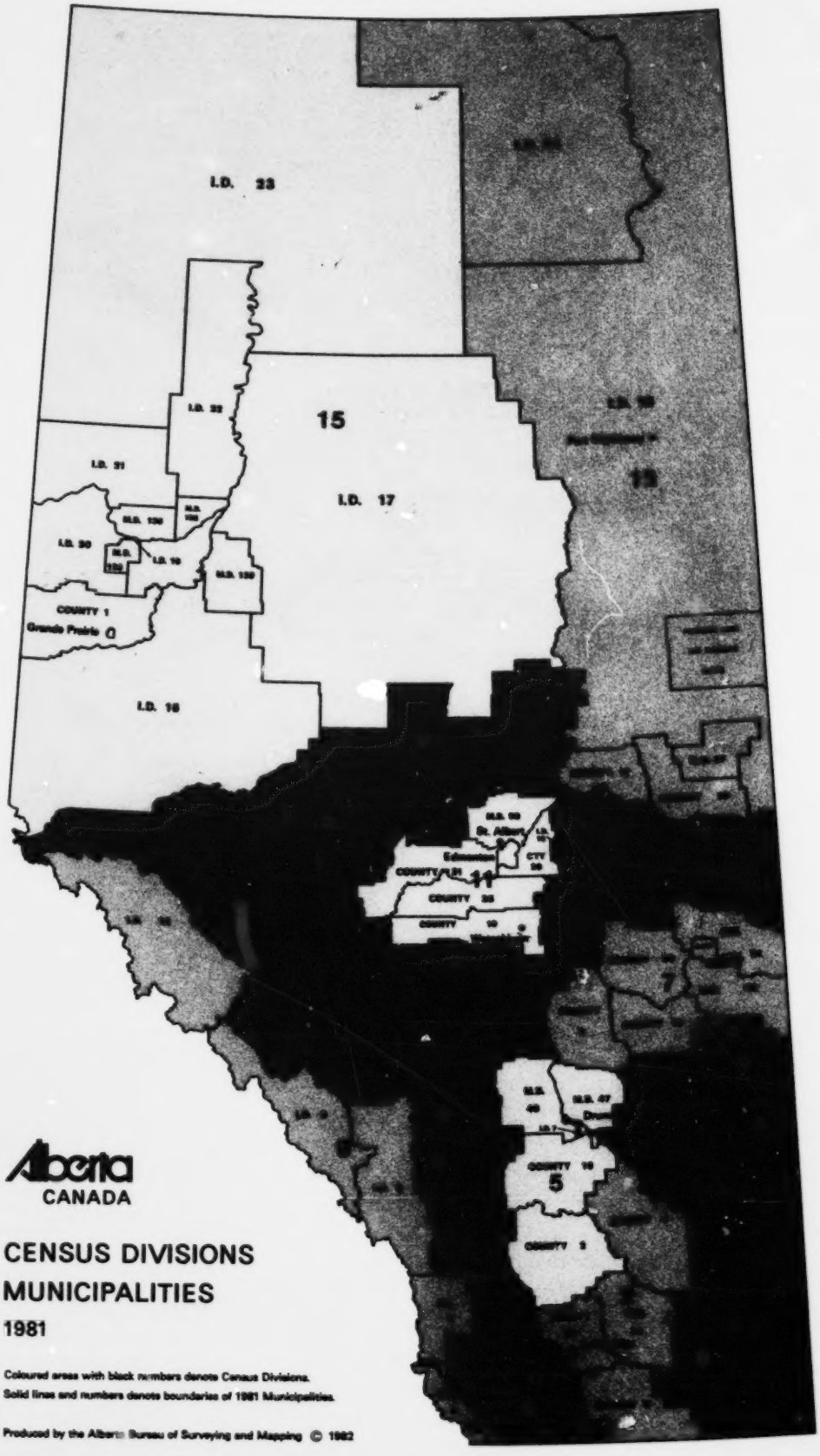


Alberta
CANADA

CENSUS DIVISIONS
MUNICIPALITIES
1981

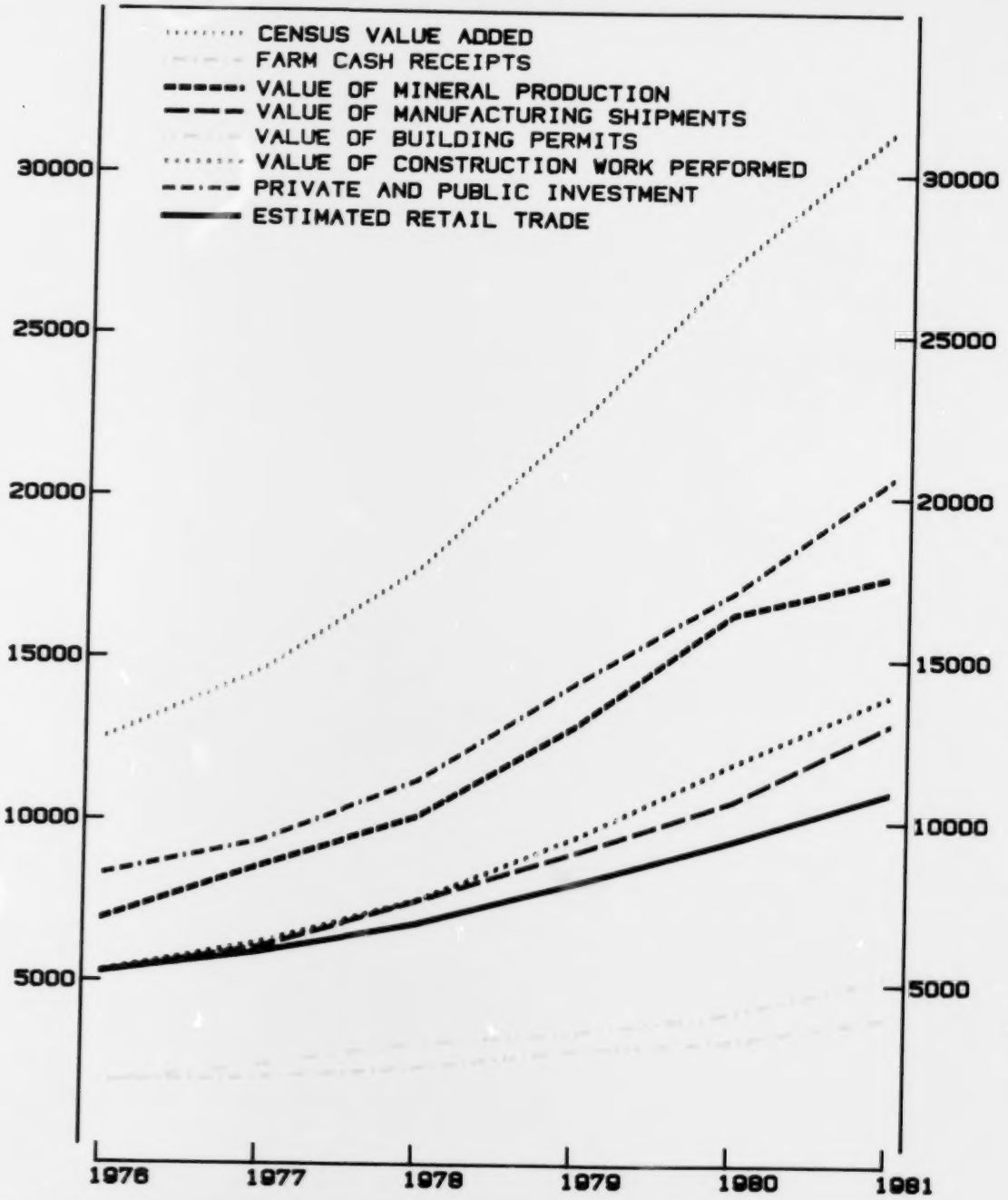
Coloured areas with black numbers denote Census Divisions.
Solid lines and numbers denote boundaries of 1981 Municipalities.

Produced by the Alberta Bureau of Surveying and Mapping © 1982

SUMMARY OF THE ALBERTA ECONOMY

GRAPH 1

PRINCIPAL ECONOMIC INDICATORS
ALBERTA, 1976 - 1981
($MILLIONS)



SOURCE: STATISTICS CANADA

TABLE 1
STATISTICAL SUMMARY OF ECONOMIC INDICATORS
ALBERTA
1971 - 1981

	1971	1976	1977	1978	1979	1980	1981
Population(June 1) (Thousands)	1,628	1,838	1,911	1,984	2,059	2,143	2,237
Labour Force (Thousands)	682	871	909	960	1,015	1,072	1,136
Unemployment Rate (%)	5.7	4.0	4.5	4.7	3.9	3.7	3.8
Personal Income ($ Millions)	5,534	12,783	14,575	16,787	19,850	23,030	N/A
Wages, Salaries and Supplementary Labour Income ($ Millions)	3,694	8,867	10,231	11,350	13,502	15,894	N/A
Net Farm Income ($ Millions)	249	479	372	645	780	784	N/A
Other Income ($ Millions)	1,591	3,437	3,972	4,792	5,568	6,352	N/A
Consumer Price Index							
Edmonton (1971 = 100)	100	148.7	162.2	176.7	192.5	212.0	238.5
Calgary (1971 = 100)	100	148.0	160.5	173.8	188.9	208.4	236.1
Gross Domestic Product(1) ($ Millions)	7,822	21,661	24,364	27,947	34,378	41,693	47,166
Census Value Added In Goods Producing Industries (3) ($ Millions)	3,732	12,446	14,547	17,712	22,237	27,251	31,321
Mining ($ Millions)	1,486	6,337	7,842	9,115	11,474	14,495	15,571
Agriculture($ Millions)	441	1,083	950	1,363	1,738	1,962	2,615
Construction ($ Millions)	895	2,937	3,397	4,279	5,511	6,651	8,157
Manufacturing ($ Millions)	785	1,804	2,024	2,544	3,016	3,558	4,347
Electric Power ($ Millions)	110	250	300	369	447	504	538
Other ($ Millions)	13	36	34	42	50	82	94
Agriculture							
Farm Net Income ($ Millions)	223	507	375	639	764	795	1,070
Farm Cash Receipts ($ Millions)	795	1,859	1,989	2,287	2,824	3,148	3,876
Value of Mineral Production ($ Millions)	1,641	6,934	8,576	10,087	12,899	16,379	17,571
Fuels ($ Millions)	1,575	6,739	8,366	9,794	12,552	15,746	16,650
Non-Metallics ($ Millions)	24	81	92	116	172	454	700
Structural Materials ($ Millions)	42	114	118	177	174	175	220
Oil Production and Development							
Volume of Oil Production (Mm3)	59,035	64,264	63,725	63,837	74,529	71,273	64,476
Value of Oil Production ($ Millions)	1,056	3,450	4,105	4,913	6,487	7,905	8,255
Oil Well Completions (2)(Number)	362	552	702	944	1,250	1,606	N/A
Natural Gas Production and Development							
Volume of Natural Gas Production (MMm3)	58,243	74,178	78,085	76,473	80,814	76,102	72,451
Value of Natural Gas Production ($ Millions)	291	2,282	3,110	3,591	4,419	5,749	5,728
Gas Well Completions (2)(Number)	691	3,101	2,952	3,090	3,177	3,895	N/A
Electric Power Generated (GWH)	11,098	15,924	17,728	19,162	21,603	23,391	24,501
Manufacturing - Value of Shipments ($ Millions)	2,081	5,216	6,020	7,428	8,947	10,572	12,958
Value of Building Permits ($ Millions)	545	1,831	2,375	3,034	3,355	4,015	5,131
Construction - Value of Work Performed ($ Millions)	1,846	5,197	6,125	7,410	9,373	11,693	13,819
Housing - Starts (Number)	25,602	38,771	38,075	47,925	39,947	32,031	38,470
Housing - Completions (Number)	20,829	25,858	37,879	43,025	44,292	34,717	34,755
Private and Public Investment ($ Millions)	2,718	8,254	9,294	11,150	14,183	17,004	20,536
Estimated Retail Trade ($ Millions)	N/A	5,290	5,924	6,793	8,053	9,411	10,906

(1) Alberta Bureau of Statistics

(2) Energy Resources Conservation Board

(3) Alberta Bureau of Statistics Estimates for 1980 and 1981.

NOTE: All figures presented in this table are based on data released by Statistics Canada except where noted.

SUMMARY OF THE ALBERTA ECONOMY

POPULATION CHARACTERISTICS

Alberta's population grew at an average annual rate of 3.9 percent during 1976 to 1981. For the sixth consecutive year, Alberta's annual population growth was the highest in Canada. Alberta's estimated population as of June 1, 1981 was 2,237,300, an increase of 4.4 percent over the previous year and 21.7 percent greater than on June 1, 1976. In 1981, the major component of population growth was net migration which accounted for 68.6 percent of total growth. The remaining 31.4 percent was attributable to natural increase.

During the period 1976 to 1981, the largest increase in population within selected age groups occurred in the 25-34 group, which increased 48.1 percent to 435,400 persons. In 1976, the working population, aged 15-64, represented 65.1 percent of the total population. This proportion increased in 1981 to 68.5 percent, primarily due to the influx of working age persons from outside Alberta and the entry of baby boom children into the labour force.

The proportion of males to females has remained relatively constant between 1976 and 1981. In 1981, 51.1 percent of Alberta's population was male and 48.9 percent female.

LABOUR FORCE

During the past several years, Alberta has consistently achieved the highest employment growth in Canada. Since 1976, the employed labour force has grown 30.6 percent to reach 1,093,000 persons. This represents 96.2 percent of the total labour force being employed, compared to the national proportion of 92.4 percent. The number of females in the Alberta labour force has risen significantly since 1976. In 1981, the labour force included 462,000 females, representing a 40.9 percent increase. The number of males increased 24.1 percent to 674,000. Alberta's unemployment rate of 3.8 percent in 1981, compared favourably with the national rate of 7.6 percent.

During 1976 to 1981, employment in the other primary industries sector (including forestry, mines, quarries and oil and gas wells) experienced the highest annual growth rate of 16.9 percent. This sector employed 69,000 persons in 1981. Employment in the agriculture sector showed a negative growth pattern up to 1980. However, in 1981, employment increased by 6.1 percent to reach 87,000 persons.

Of the various sectors in the Alberta economy, the service sector continues to employ the largest proportion of the working population. This industry accounted for 28.1 percent of total employed in 1981.

Between 1976 and 1981, the employment index for larger firms (those employing more than twenty persons during any one month of the reference year) in Alberta showed a 33.6 percent employment rise. At the national level, the index increased 8.0 percent. Sectors in Alberta that have increased significantly in employment during this period include mining (88.7 percent), service (74.7 percent), and finance, insurance and real estate (50.6 percent).

PERSONAL INCOME

Since 1976, Alberta's total personal income has more than doubled to reach $23.0 billion in 1980, representing an average annual increase of 11.7 percent. By far the largest and most important component of personal income has been labour income (wages, salaries and supplementary income) which accounted for 69.0 percent of the total in 1980.

For the past eight years, Alberta's per capita personal income has exceeded the Canadian figure. In 1980, per capita personal income was $10,749 compared to $9,863 for Canada.

In 1981, the industrial composite indicated that Albertans earned an average weekly salary of $390.63 or $153.74 more per week than in 1976. Those employed in the mining sector (including oil and gas) during the past four years, have earned the highest wages per week reaching $596.11 in 1981. Earnings by construction workers ranked second at $544.49 per week.

NET VALUE OF PRODUCTION IN GOODS PRODUCING INDUSTRIES

Census value added in Alberta's goods producing industries during 1976 to 1981, increased at an average annual rate of almost 20.3 percent, reaching an estimated $31.3 billion. In 1981, the mining industry accounted for over half of total annual value added. The remaining contribution was equally distributed between the construction industry and the aggregate total from the agriculture, electric power and manufacturing industries.

GROSS DOMESTIC PRODUCT

From 1976 to 1981, Alberta's Gross Domestic Product (current dollars) increased more than two-fold, attaining a value of approximately $47.2 billion. During this period, Alberta's per capita Gross Domestic Product rose to $21,075, surpassing the national per capita figure of $14,081.

Discounting for inflation, Alberta's Gross Domestic Product (measured in 1971 constant dollars) grew by 34.5 percent from $10.9 billion in 1976 to $14.6 billion in 1981. The greatest rate of real growth occurred during 1979 (9.4 percent). In 1980 and 1981, real growth increased at a slower rate of 7.4 percent and 3.1 percent, respectively.

PRIVATE AND PUBLIC INVESTMENT

Private and public investment growth in Alberta advanced considerably during 1977 to 1981. Total investment increased 121.0 percent, reaching an estimated value of $20.5 billion. On a per capita basis, this represents $9,179, substantially greater than the Canadian per capita of $4,127.

Since 1977, rapid investment has occurred in the manufacturing and the trade, finance and commercial services sectors at annual rates of 32.5 percent and 36.1 percent, respectively. These rates were offset by much slower growth in the housing sector (13.0 percent). Projections for 1982 indicate that of all the industrial groups, the manufacturing sector will experience the largest rate of growth.

The major investment sector in Alberta has remained the primary industries and construction industry group, which constituted 37.2 percent of total 1981 investment dollars.

SUMMARY OF THE ALBERTA ECONOMY (Continued)

PRICES AND PRICE INDEXES

Between 1976 and 1981, the all items Consumer Price Index for Edmonton increased from 148.7 to 238.5, an increase of 60.4 percent. Calgary's Index rose 59.5 percent from 148.0 to 236.1. During this period, the majority of increases in both cities were attributable to higher food expenses. Consumer prices for both Edmonton and Canada escalated in 1981 by 12.5 percent, while Calgary's prices rose at a higher rate of 13.3 percent. More expensive transportation and housing costs were the primary factors responsible for the latest yearly increases.

During the period of 1976 to 1981, the Edmonton composite new housing price index (1976 = 100) rose 40.0 percent compared to the 45.9 percent registered in Calgary. In 1981 alone, Calgary's rate of increase was 10.2 percent, almost double that of Edmonton's rate (5.5 percent).

MINERAL PRODUCTION

Since 1976, Alberta's value of mineral production increased $10.6 billion to reach $17.6 billion in 1981. The value of fuels, the main component of mineral production, recorded a total of $16.7 billion in 1981. This accounted for 87.6 percent of the total value of fuel produced in Canada.

After reaching a record production level in 1979, the volume of crude petroleum has declined to 64.5 million cubic metres in 1981. During this year alone, production dropped by 9.5 percent. Similarily, natural gas production has declined to a 1981 production level of 72.5 billion cubic metres, a 4.8 percent decrease since 1980.

While other fuel production levels have been declining, the volume of coal produced in Alberta continues to grow. A record production level of 18.1 million tonnes in 1981 was attained, 4.0 percent greater than in the previous year.

MANUFACTURING

Between 1976 and 1981, Alberta's total value of manufacturing shipments has increased at an average annual rate of 20.0 percent to almost $13.0 billion. Historically, the food and beverage industry has been the leading manufacturing producer in Alberta. This dominance, however, has declined with time: in 1976 the industry represented 32.9 percent of the total shipments compared to 26.5 percent in 1981. Increasing output has occurred in the petroleum, coal and chemical products industries, which in 1981 contributed 32.3 percent of total shipments.

CONSTRUCTION

During the past five years, construction volume in Alberta grew at an average annual rate of 22.6 percent to reach a value of $13.8 billion in 1981.Residential construction increased 53.1 percent between 1977 and 1981, Construction of oil and gas facilities has more than tripled.

In 1981, Alberta recorded 38,470 dwelling starts, the first increase since 1978. Dwelling completions totalled 34,755 units in 1981, advancing only slightly from the 1980 total of 34,717.

The value of building permits issued in Alberta has risen significantly since 1976, amounting to $5.1 billion in 1981. This represents an average annual increase of 23.1 percent. After attaining a record value in 1980, the issuance of industrial building permits dropped 56.7 percent in 1981 to $210 million. In comparison, the commercial sector experienced an increase of 53.4 percent over 1980 reaching $2.1 billion. At a value of $2.4 billion in 1981, residential building permits also increased (35.6 percent).

AGRICULTURE

In 1981, a total of 58,056 farms operated in Alberta, 3,074 less than in 1976. During this period, Alberta's realized net farm income more than doubled to reach $1.1 billion. Although total operating expenses and depreciation charges increased 14.2 percent in 1981, net farm income grew substantially faster by 34.6 percent.

The value of farm cash receipts rose $2.0 billion in the six year period ending 1981 to register $3.9 billion. Prior to 1981, receipts from the sale of livestock and products exceeded those from crop sales. However, in 1981, the reverse occurred: crop receipts rose 44.4 percent to total $2.1 billion, representing 54.3 percent of total sales. Higher than average prices for wheat, barley and potatoes contributed to this increase.

TRADE

The volume of consumer demand for retail goods in Alberta has grown at a rapid rate in recent years. After an increase of 77.9 percent between 1976 and 1980, retail sales advanced a further 15.9 percent in 1981 to $10.9 billion. Per capita retail sales at $4,875, remained the highest in Canada. The major contributors to the overall movement of retail sales in 1981, were from motor vehicle dealerships (22.1 percent), combined grocery and meat stores (14.8 percent) and department stores (13.9 percent).

TRAVEL AND TRANSPORTATION

Total expenditures by tourists in Alberta have increased 76.0 percent since 1976 to a level of $1.4 billion in 1981. Of this total, $1.2 billion was spent by Albertans and other Canadians. Visitors from the United States spent $122 million, while overseas travellers spent $68 million.

In 1980, the three major airports (Calgary International, Edmonton International and Edmonton Municipal) handled 7,293,000 passengers, 11.3 percent more than in 1979. The Calgary International airport was the busiest in 1980, accounting for over half of the total air travellers.

PEOPLE

- Alberta's **population** as of June 1, 1981 was estimated at 2,237,300, representing an annual growth rate of 4.4 percent. Natural increase accounted for 31.4 percent of the growth while 68.6 percent was attributable to net migration.

- Over the last ten year period, Alberta's population has increased 37.4 percent while Canada's total population grew 12.9 percent.

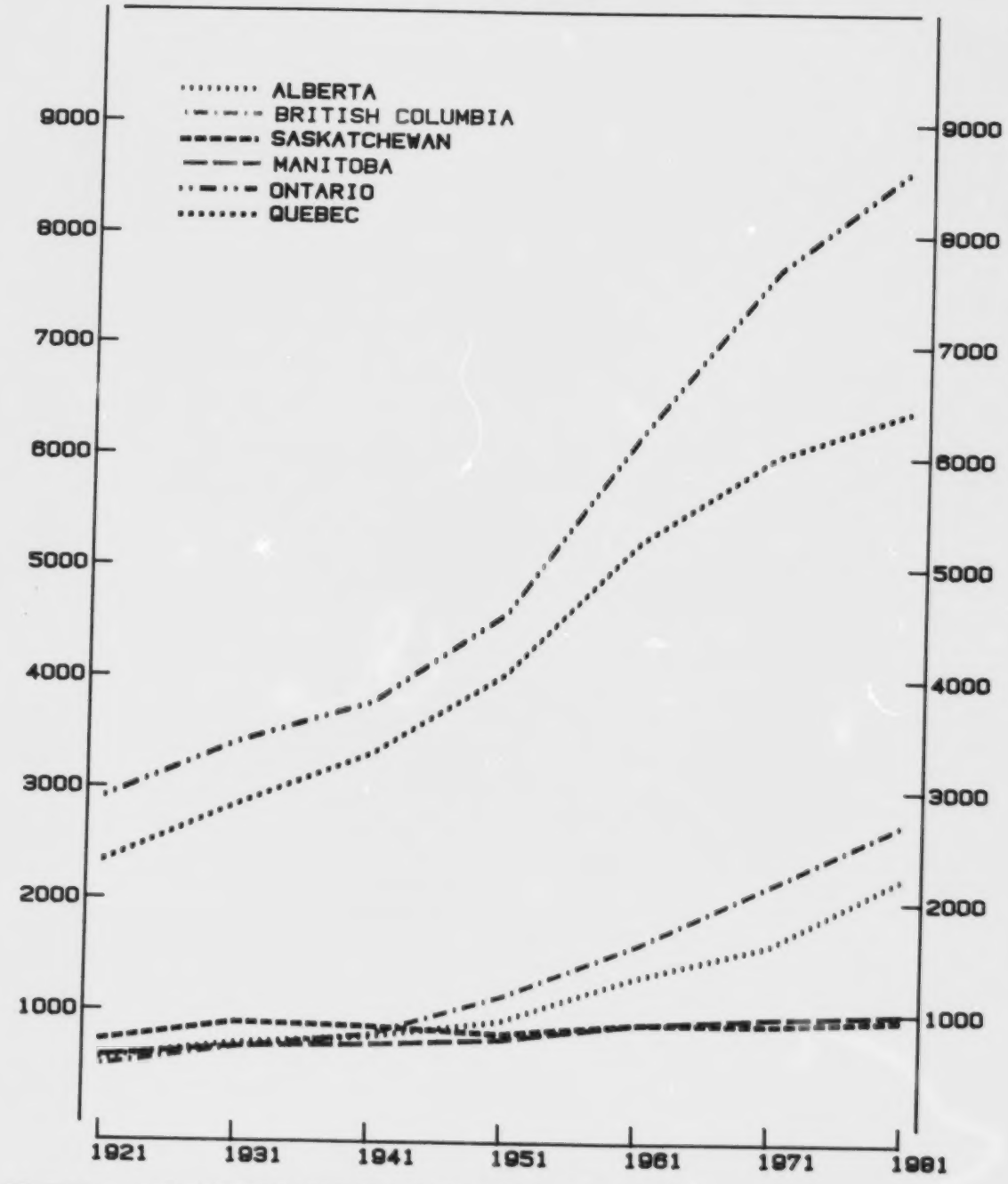
- **Net interprovincial migration** for 1981 was estimated at 45,775 persons, indicating a decrease of 8.6 percent since 1980. Estimated **net international migration** increased 2.7 percent to reach 16,910.

- In 1981, the overall **sex ratio** (proportion of males to females) was 1.04. The highest sex ratio occurred in the 25-34 age group (1.10) where the number of males was estimated at 227,600 and females at 207,800.

- A total of 7,580 **divorces** were granted during 1980, representing a divorce rate of 3.5 per 1,000 population; **marriages** in 1980 occurred at a rate of 9.7 per 1,000 population to total 20,818.

GRAPH 2

POPULATION
SELECTED PROVINCES 1921 - 1981
(THOUSANDS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 91-201

TABLE 2
POPULATION AND PERCENT CHANGE IN GROWTH
CANADA AND SELECTED PROVINCES
JUNE 1, 1921 - 1981

(Thousands)

	Alta.	B.C.	Sask.	Man.	Yukon & Terr.	Ont.	Que.	Atlantic Prov.	Canada
1921	588.5	524.6	757.5	610.1	12.2	2,933.7	2,360.5	1,000.3	8,787.8
1926	607.6	606.0	820.7	639.1	12.0	3,164.3	2,603.3	998.0	9,451.0
%	0.6	2.9	1.6	0.9	0.3	1.5	2.0	-0.04	1.5
1931	731.6	694.3	921.8	700.1	13.5	3,431.7	2,874.7	1,009.0	10,376.7
%	3.8	2.8	2.3	1.8	2.4	1.6	2.0	0.2	1.9
1936	772.8	745.2	931.5	711.2	16.0	3,605.5	3,098.8	1,069.0	10,950.0
%	1.1	1.4	0.2	0.3	3.5	1.0	1.5	1.2	1.1
1941	796.2	817.8	896.0	729.7	17.0	3,787.7	3,331.9	1,130.4	11,506.7
%	0.6	1.9	-0.8	0.5	1.2	1.0	1.5	1.1	1.0
1946	803.4	1,003.0	832.7	726.9	24.0	4,093.0	3,629.0	1,180.0	12,292.0
%	0.2	4.2	-1.5	-0.8	7.1	1.6	1.7	0.9	1.3
1951	939.5	1,165.2	831.7	776.5	25.1	4,597.6	4,055.7	1,618.1	14,009.4
%	3.2	3.0	-0.02	1.3	0.9	2.4	2.2	6.5	2.7
1956	1,123.1	1,398.5	880.7	850.0	31.5	5,404.9	4,628.4	1,763.7	16,080.8
%	3.6	3.7	1.2	1.8	4.6	3.3	2.7	1.7	2.8
1961	1,332.0	1,629.1	925.2	921.7	37.6	6,236.1	5,259.2	1,897.4	18,238.3
%	3.5	3.1	0.1	1.6	3.6	2.9	2.6	1.5	2.5
1966	1,463.2	1,873.7	955.4	963.1	43.1	6,960.9	5,780.8	1974.7	20,014.9
%	1.9	2.8	0.6	0.9	2.8	2.2	1.9	0.8	1.9
1971	1,627.9	2,184.6	926.2	988.2	53.2	7,703.1	6,027.8	2,057.3	21,568.3
%	2.2	3.1	-0.6	0.5	4.3	2.0	0.8	0.8	1.5
1972	1,657.3	2,241.4	914.0	991.2	56.8	7,809.9	6,053.6	2,077.3	21,801.5
%	1.8	2.6	-1.3	0.3	6.8	1.4	0.4	1.0	1.1
1973	1,689.5	2,302.4	904.5	996.2	59.9	7,908.8	6,078.9	2,102.6	22,042.8
%	1.9	2.7	-1.0	0.5	5.5	1.3	0.4	1.2	1.1
1974	1,722.4	2,375.7	899.7	1,007.5	60.1	8,054.1	6,122.7	2,121.8	22,364.0
%	1.9	3.2	-0.5	1.1	0.3	1.8	0.7	0.9	1.5
1975	1,778.3	2,433.2	907.4	1,013.6	62.5	8,172.2	6,179.0	2,150.9	22,697.1
%	3.2	2.4	0.9	0.6	4.0	1.5	0.9	1.4	1.5
1976r	1,838.0	2,486.6	921.3	1,021.5	64.4	8,264.5	6,234.5	2,181.7	22,992.6
%	3.4	1.4	1.5	0.8	3.0	1.1	0.9	1.4	1.3
1977r	1,911.4	2,499.8	934.6	1,028.1	65.1	8,354.9	6,295.2	2,197.6	23,286.8
%	4.0	1.3	1.4	0.6	1.1	1.1	1.0	0.7	1.3
1978r	1,984.1	2,542.3	943.5	1,031.6	66.8	8,444.1	6,311.6	2,209.7	23,533.9
%	3.8	1.7	1.0	0.3	2.6	1.1	0.3	0.6	1.1
1979r	2,058.7	2,589.5	952.5	1,029.6	67.3	8,504.2	6,347.1	2,219.7	23,768.7
%	3.8	1.9	1.0	-0.2	0.7	0.7	0.6	0.5	1.0
1980r	2,142.6	2,666.1	961.1	1,025.6	67.5	8,573.8	6,391.4	2,229.7	24,057.6
%	4.1	3.0	0.9	-0.4	0.3	0.8	0.7	0.4	1.2
1981p	2,237.3	2,744.2	968.3	1,026.2	68.9	8,624.7	6,438.2	2,234.0	24,341.7
%	4.4	2.9	0.7	0.1	2.1	0.6	0.7	0.2	1.2

r - revised p - preliminary

NOTE: For the years 1926 through 1971, the data presents the average annual percentage population change over each of the preceeding five years.

SOURCE: Statistics Canada, "Estimates of Population for Canada and the Provinces," Catalogue No. 91-201.

TABLE 3
POPULATION, BIRTHS, DEATHS, NATURAL INCREASE AND RATES
ALBERTA
1921 - 1981

	Population	Births (1)	Birth Rate Per 1000 Population	No. of Deaths	Death Rate Per 1000 Population	Natural Increase	Rate of Natural Increase Per 1000 Population
1921	588,500	16,561	28.1	4,940	8.4	11,621	19.7
1926	607,600	14,456	23.8	5,159	8.5	9,297	15.3
1931	731,600	17,252	23.6	5,302	7.2	11,950	16.3
1936	772,800	15,786	20.4	6,147	8.0	9,639	12.4
1941	796,200	17,308	21.7	6,385	8.0	10,923	13.7
1946	803,400	22,184	27.6	6,601	8.2	15,583	19.4
1951	939,500	27,003	28.8	7,167	7.6	19,836	21.1
1956	1,123,100	34,951	31.1	7,786	6.9	27,165	24.2
1961	1,332,000	38,914	29.2	8,863	6.7	30,051	22.5
1962	1,369,000	38,804	28.3	9,264	6.8	29,540	21.5
1963	1,403,000	38,467	27.4	9,444	6.7	29,023	20.7
1964	1,430,000	36,169	25.3	9,482	6.6	26,687	18.7
1965	1,450,000	32,664	22.5	9,534	6.6	23,130	15.9
1966	1,463,200	30,592	20.9	9,677	6.6	20,915	14.3
1967	1,490,000	30,691	20.6	9,523	6.4	21,168	14.2
1968	1,524,000	30,149	19.8	9,963	6.5	20,186	13.3
1969	1,559,000	30,855	19.8	9,921	6.4	20,934	13.4
1970	1,595,000	31,967	20.0	10,112	6.3	21,855	13.7
1971	1,627,900	30,545	18.8	10,525	6.5	20,020	12.3
1972	1,657,300	29,282	17.7	10,699	6.5	18,583	11.2
1973	1,689,500	29,288	17.4	10,763	6.4	18,525	11.0
1974	1,722,400	29,813	17.4	11,252	6.6	18,561	10.8
1975	1,778,300	31,624	17.8	11,397	6.4	20,227	11.4
1976	1,838,000	33,063	18.0	11,584	6.3	21,479	11.7
1977r	1,911,400	34,406	18.0	11,609	6.1	22,797	12.0
1978r	1,984,100	35,396	17.8	11,944	6.0	23,452	11.8
1979r	2,058,700	37,003	18.0	12,109	5.9	24,894	12.1
1980r	2,142,600	39,749	18.6	12,710	5.9	27,039	12.6
1981p	2,237,300	39,810	17.8	12,260	5.5	27,550	12.3

r - revised p - preliminary

(1) Exclusive of stillbirths.

SOURCE: Statistics Canada, "Vital Statistics," Catalogue No.'s 84-204 and 84-001.
Statistics Canada, "Estimates of Population for Canada and the Provinces," Catalogue No. 91-201.

TABLE 4
MARRIAGES, DIVORCES, AND RATES
ALBERTA
1921 - 1981

	No. of Marriages	Marriages Per 1,000 Population	No. of Divorces	Divorces Per 1,000 Population
1921	4,661	7.9	89	0.2
1926	4,503	7.4	154	0.3
1931	5,142	7.0	157	0.2
1936	6,020	7.8	218	0.3
1941	8,470	10.6	311	0.4
1946	9,478	11.8	962	1.2
1951	9,305	9.9	589	0.6
1956	9,965	8.9	685	0.6
1961	10,747	7.9	1,039	0.8
1962	10,423	7.6	1,084	0.8
1963	10,163	7.2	1,268	0.9
1964	10,634	7.4	1,389	1.0
1965	11,209	7.7	1,348	0.9
1966	11,879	8.1	1,567	1.1
1967	12,903	8.7	1,736	1.2
1968	13,640	8.9	1,916	1.3
1969	14,846	9.5	3,437	2.2
1970	15,285	9.6	3,771	2.3
1971	15,614	9.6	3,656	2.2
1972	16,345	9.9	3,772	2.3
1973	16,280	9.7	4,435	2.6
1974	16,691	9.7	4,947	2.9
1975	17,520	9.9	5,475	3.1
1976	17,752	9.7	5,697	3.1
1977r	17,976	9.4	5,843	3.1
1978r	18,277	9.2	6,059	3.1
1979r	18,999	9.2	6,531	3.2
1980r	20,818	9.7	7,580	3.5
1981p	18,710	8.4	N/A	N/A

r - revised p - preliminary

SOURCE: Statistics Canada, "Vital Statistics" Catalogue No.'s 84-205 and 84-001.

TABLE 5
POPULATION GROWTH BY COMPONENT
ALBERTA
1976 - 1981

	Net Migration			Natural Increase	Population Growth
	Inter-Provincial	Inter-National	Total		
1976	38,345	13,400	51,745	21,700	73,445
1977	37,670	11,175	48,845	22,800	71,645
1978	40,140	8,305	48,445	23,455	71,900
1979	45,890	11,240	57,130	23,720	80,850
1980	50,080	16,460	66,540	25,985	92,525
1981	45,775	16,910	62,685	28,690	91,375

SOURCE: Alberta Bureau of Statistics, "Alberta Quarterly Population Growth."

TABLE 6
DESTINATION OF IMMIGRANTS
CANADA AND SELECTED PROVINCES
1971 - 1981

	1971	1976	1977	1978	1979r	1980r	1981p
Alta.							
Number	8,653	14,896	12,694	9,826	12,786	18,841	19,289
% of Total	7.1	10.0	11.0	11.4	11.4	13.2	15.0
B.C.							
Number	18,917	20,484	15,395	12,331	16,596	24,440	22,067
% of Total	15.5	13.7	13.4	14.3	14.8	17.1	17.2
Sask.							
Number	1,426	2,323	2,231	1,564	2,762	3,604	2,391
% of Total	1.2	1.6	1.9	1.8	2.5	2.5	1.9
Man.							
Number	5,301	5,509	5,058	3,574	4,906	7,684	5,383
% of Total	4.3	3.7	4.4	4.1	4.4	5.4	4.2
Ont.							
Number	64,357	72,031	56,594	42,397	51,979	62,264	55,032
% of Total	52.8	48.2	49.2	49.1	46.4	43.5	42.9
Que.							
Number	19,222	29,282	19,248	14,290	19,534	22,541	21,064
% of Total	15.8	19.6	16.7	16.6	17.4	15.8	16.4
Can.							
Number	121,900	149,429	114,914	86,313	112,096	143,117	128,421
% of Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

r - revised p - preliminary

SOURCE: Employment and Immigration Canada, "Immigration Statistics, Annual."

TABLE 7
MIGRATION FLOW
ALBERTA AND SELECTED PROVINCES
1976 - 1981

	B.C.	Sask.	Man.	Ont.	Que.	Atlantic Prov.	Terr.	Total
1976r								
To Alta.	43,750	14,850	11,850	29,135	6,580	7,295	3,555	117,015
From Alta.	31,210	15,050	7,305	15,480	2,470	4,540	2,615	78,670
Net Exchange	12,540	-200	4,545	13,655	4,110	2,755	940	38,345
1977r								
To Alta.	37,800	16,175	12,650	34,235	11,510	10,380	3,470	126,220
From Alta.	35,025	15,465	8,075	19,345	2,455	5,545	2,640	88,550
Net Exchange	2,775	710	4,575	14,890	9,055	4,835	830	37,670
1978r								
To Alta.	37,620	17,430	14,650	36,270	9,710	11,330	4,015	131,025
From Alta.	39,625	14,075	7,605	18,665	2,685	5,915	2,315	90,885
Net Exchange	-2,005	3,355	7,045	17,605	7,025	5,415	1,700	40,140
1979r								
To Alta.	34,990	16,640	17,205	44,065	9,570	11,400	3,905	135,775
From Alta.	42,145	13,715	6,640	18,240	2,550	6,140	2,455	91,885
Net Exchange	-7,155	2,925	10,565	25,825	7,020	5,260	1,450	45,890
1980r								
To Alta.	26,835	15,675	15,025	54,055	10,150	13,775	2,820	138,335
From Alta.	41,120	11,835	6,280	17,325	2,920	6,910	1,865	88,255
Net Exchange	-14,285	3,840	8,745	36,730	7,230	6,865	955	50,080
1981								
To Alta.	34,980	17,475	14,995	55,630	12,180	17,875	3,450	156,585
From Alta.	45,070	14,920	9,190	25,915	4,310	8,970	2,435	110,810
Net Exchange	-10,090	2,555	5,805	29,715	7,870	8,905	1,015	45,775

SOURCE: Alberta Bureau of Statistics, "Alberta Quarterly Population Growth."

GRAPH 3

POPULATION BY SELECTED AGE GROUPS AND SEX
ALBERTA
1971 - 1981

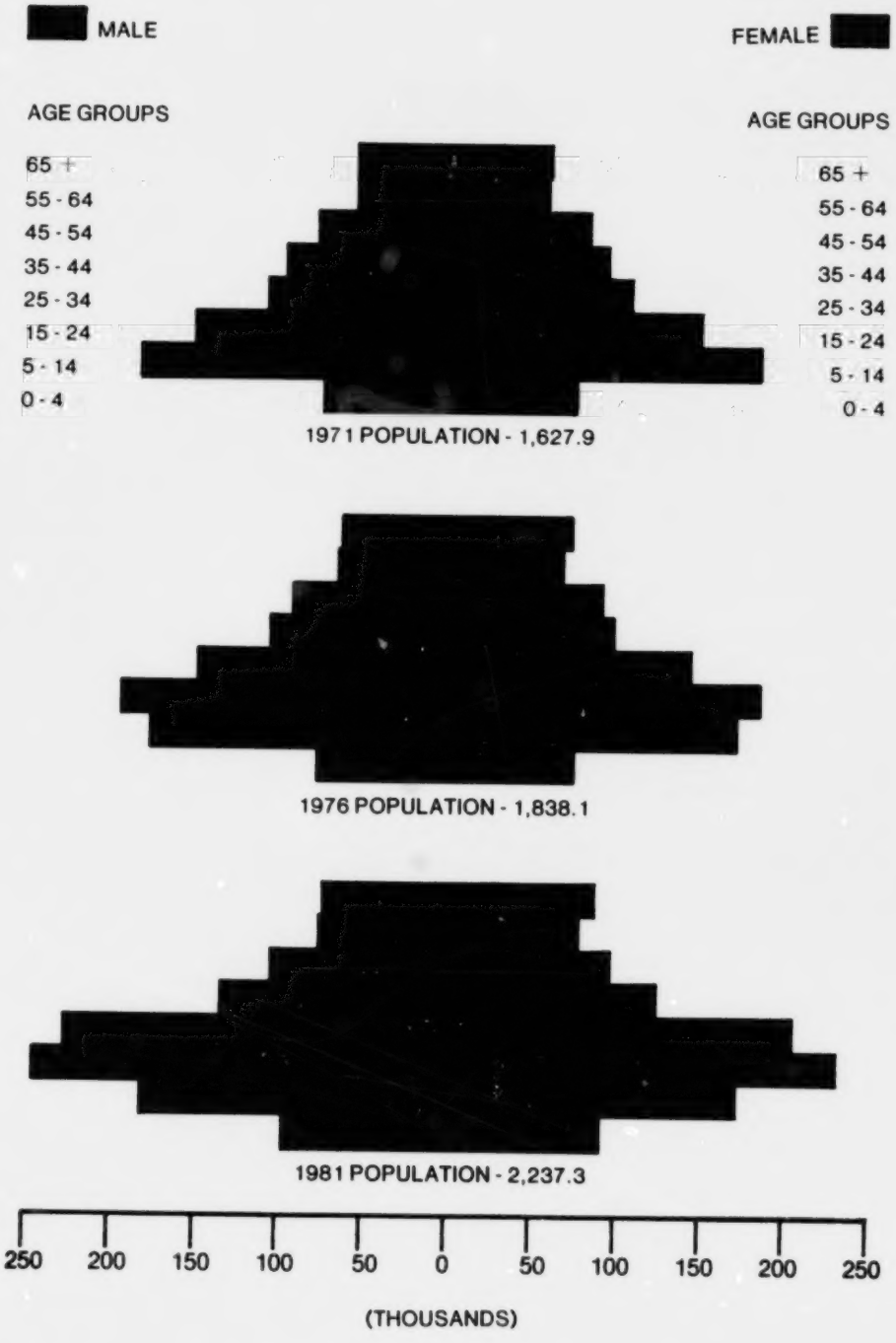


TABLE 8
ESTIMATES OF POPULATION BY SELECTED AGE GROUPS AND SEX
ALBERTA
1971 - 1981

(Thousands)

AGE GROUP	SEX	1971	1976	1977	1978	1979	1980	1981
0-4	M	77.6	78.4	81.2	84.3	88.1	92.2	96.7
	F	74.0	74.6	77.7	80.5	83.6	87.2	91.3
	T	151.6	153.0	158.9	164.8	171.7	179.4	188.0
5-9	M	92.1	83.5	84.5	85.6	86.4	87.5	89.3
	F	88.7	79.5	79.8	80.9	81.9	82.9	84.8
	T	180.8	163.0	164.3	166.5	168.3	170.4	174.1
10-14	M	93.4	95.6	94.2	92.0	90.0	90.3	92.1
	F	88.7	91.6	90.2	87.4	85.6	85.7	87.4
	T	182.1	187.2	184.4	179.4	175.6	176.0	179.5
15-19	M	82.0	99.0	105.0	109.3	111.8	111.3	109.7
	F	78.9	94.3	99.7	104.5	106.9	106.8	104.7
	T	160.9	193.3	204.7	213.8	218.7	218.1	214.4
20-24	M	70.6	94.6	103.0	111.7	120.0	128.8	137.0
	F	71.7	91.4	98.2	104.8	111.6	119.3	127.3
	T	142.3	186.0	201.2	216.5	231.6	248.1	264.3
25-29	M	59.8	84.3	89.4	95.6	103.6	113.9	126.1
	F	58.9	80.9	84.7	89.4	96.0	104.0	113.6
	T	118.7	165.2	174.1	185.0	199.6	217.9	239.7
30-34	M	50.8	65.7	72.9	79.4	85.7	93.1	101.5
	F	49.2	63.1	69.9	75.9	81.1	87.2	94.2
	T	100.0	128.8	142.8	155.3	166.8	180.3	195.7
35-39	M	51.3	53.6	56.7	61.0	65.3	69.7	74.6
	F	46.9	51.7	54.2	57.7	61.4	65.3	69.5
	T	98.2	105.3	110.9	118.7	126.7	135.0	144.1
40-44	M	49.5	52.4	53.1	53.6	54.8	56.9	59.6
	F	45.4	48.1	49.1	50.1	51.6	53.3	55.6
	T	94.9	100.5	102.2	103.7	106.4	110.2	115.2
45-49	M	44.3	49.7	51.0	52.4	53.6	54.1	55.1
	F	43.8	46.1	46.8	47.9	48.7	49.3	50.4
	T	88.1	95.8	97.8	100.3	102.3	103.4	105.5
50-54	M	37.5	43.5	44.0	45.4	46.9	49.1	50.9
	F	37.0	44.1	43.9	44.2	44.8	46.1	47.2
	T	74.5	87.6	87.9	89.6	91.7	95.2	98.1
55-59	M	32.9	36.1	37.8	39.1	40.6	41.3	42.4
	F	32.2	36.8	38.8	40.4	41.8	42.5	43.4
	T	65.1	72.9	76.6	79.5	82.4	83.8	85.8
60-64	M	26.5	30.2	30.7	31.1	31.5	32.4	33.8
	F	25.4	31.4	32.2	32.9	33.2	34.4	35.7
	T	51.9	61.6	62.9	64.0	64.7	66.8	69.5
65 and Over	M	59.4	65.8	67.3	68.9	70.5	72.4	74.3
	F	59.4	72.3	75.1	78.2	81.7	85.4	89.1
	T	118.8	138.1	142.4	147.1	152.2	157.8	163.4
ALL AGES	M	827.8	932.4	971.0	1,009.3	1,048.8	1,093.1	1,143.0
	F	800.1	905.7	940.4	974.8	1,009.9	1,049.5	1,094.3
	T	1,627.9	1,838.1	1,911.4	1,984.1	2,058.7	2,142.6	2,237.3

SOURCE: Statistics Canada, "Population," Catalogue No. 91-518.

TABLE 9
POPULATION BY CENSUS DIVISIONS
ALBERTA
1971 - 1981

CENSUS DIVISION	1971(1)		1976(2)		1981	
	No.	Percent of Total	No.	Percent of Total	No.	Percent of Total
1	39,149	2.4	46,990	2.6	55,375	2.5
2	86,624	5.3	96,995	5.3	110,477	4.9
3	30,940	1.9	32,898	1.8	35,652	1.6
4	12,991	0.8	12,130	0.7	12,119	0.5
5	34,485	2.1	35,424	1.9	38,382	1.7
6	447,079	27.5	524,554	28.5	668,682	29.9
7	38,334	2.4	37,866*	2.1	40,071	1.8
8	87,064*	5.3	95,384	5.2	123,642	5.5
9	18,355*	1.1	19,903	1.1	21,670	1.0
10	65,532	4.0	67,171*	3.7	78,417	3.5
11	552,461	33.9	632,909*	34.4	762,041	34.1
12	54,647	3.4	63,129	3.4	84,221	3.8
13	46,288*	2.8	46,305*	2.5	53,701	2.4
14	17,136*	1.1	19,386	1.1	24,635	1.1
15	96,789*	5.9	106,993	5.8	128,639	5.7
TOTAL	1,627,874	100.0	1,838,037	100.0	2,237,724	100.0

* Adjusted figures due to boundary changes.

(1)Based on 1976 area.

(2)Based on 1981 area.

SOURCE: Statistics Canada, Census of Canada.

TABLE 10
POPULATION OF INCORPORATED CITIES AND TOWNS WITH POPULATION 2,500 AND OVER
ALBERTA
1971 - 1981

	1971(1)	1976	1977	1978	1979	1980	1981
Airdrie	1,089	1,408	1,442	2,265	3,879	5,897	8,414
Barrhead	2,803	2,944	2,944	3,332	3,428	3,519	3,736
Beaumont	336	851	1,045	1,245	1,546	2,144	2,638
Bonnyville	2,589*	2,885	2,938	3,135	3,699	4,256	4,454
Brooks	3,986	6,339	6,820	7,600	7,962	8,873	9,421
Calgary	403,343*	469,917	487,569	505,637	530,816	560,618	592,743
Camrose	8,751*	10,104	10,593	10,593	11,210	11,898	12,570
Canmore	1,538	1,927	2,161	2,884	3,063	3,166	3,484
Cardston	2,685	3,043	3,043	3,043	3,043	3,043	3,267
Claresholm	2,935	3,276	3,276	3,276	3,425	3,425	3,493
Coaldale	2,798	3,654	3,905	4,068	4,304	4,391	4,579
Cochrane	1,046	1,450	1,503	1,761	2,309	2,948	3,544
Crowsnest Pass	-	-	-	7,340	7,340	7,340	7,306
Devon	1,468	2,786	2,786	3,336	3,475	3,669	3,885
Didsbury	1,821	2,153	2,327	2,597	2,753	2,866	3,095
Drayton Valley	3,900	4,303	4,303	4,416	4,673	5,076	5,042
Drumheller	5,906*	6,154	6,154	6,198	6,204	6,380	6,508
Edmonton Proper	438,565*	461,361	471,474	478,066	491,359	505,773	532,246
Edmonton Metro	496,014	556,270	567,702	580,668	599,640	617,604	657,057
Edson	3,818	4,038	4,448	5,015	5,403	5,671	5,835
Fairview	2,109	2,248	2,594	2,594	3,027	3,027	2,869
Fort Macleod	2,715	3,067	3,067	3,067	3,123	3,123	3,139
Fort McMurray	6,907	15,424	20,373	24,580	25,802	27,784	31,000
Fort Saskatchewan	5,726	8,304	9,586	10,104	10,773	11,482	12,169
Grand Centre	2,166*	2,780	2,780	2,780	2,829	3,107	3,146
Grande Cache	2,525	4,116	4,423	4,423	4,423	4,423	4,523
Grande Prairie	13,233*	17,626	17,626	18,429	20,427	22,718	24,263
Hanna	2,624*	2,627	2,627	2,649	2,756	2,764	2,806
High Prairie	2,354	2,364	2,281	2,281	2,281	2,281	2,506
High River	2,687*	3,598	3,890	3,960	4,018	4,281	4,792
Hinton	4,911	6,731	7,067	7,319	7,412	8,018	8,342
Innisfail	2,474	2,897	2,897	3,715	4,350	4,831	5,247
Lacombe	3,439*	3,888	3,965	4,452	4,925	5,218	5,591
Leduc	4,042*	8,576	9,128	10,554	11,016	11,603	12,471
Lethbridge	41,217	46,752	48,975	50,628	51,668	53,135	54,072
Lloydminster (Alta. Portion)	4,738	5,818	6,137	6,866	7,532	8,423	8,997
Medicine Hat	26,518	32,811	33,220	33,220	36,356	37,684	40,380
Morinville	1,482*	2,097	2,198	2,198	3,398	4,207	4,657
Okotoks	1,247	1,795	2,026	2,307	2,616	2,967	3,847
Olds	3,376	3,658	3,805	4,043	4,299	4,488	4,813
Peace River	5,039	4,840	5,044	5,235	5,692	5,754	5,907
Pincher Creek	2,232*	3,448	3,634	3,827	3,925	3,825	3,757
Ponoka	4,414	4,636	4,636	4,636	4,845	4,873	5,221
Raymond	2,156	2,290	2,290	2,655	2,655	2,672	2,837
Redcliff	2,255	3,066	3,341	3,473	3,473	3,641	3,876
Red Deer	27,674*	32,184	33,717	36,314	39,370	41,371	46,393
Rocky Mountain House	2,974*	3,432	3,548	3,731	4,010	4,467	4,698
St. Albert	11,829*	24,129	25,543	27,408	28,718	29,512	31,996
St. Paul	4,161	4,337	4,474	4,509	4,710	5,066	4,884
Slave Lake	2,052	3,561	3,561	3,561	3,821	4,328	4,506
Spruce Grove	3,055*	6,907	7,137	7,874	8,411	9,074	10,326
Stettler	4,168	4,182	4,182	4,604	4,696	5,035	5,136
Stony Plain	1,770	2,717	3,040	3,433	3,884	4,442	4,839
Strathmore	1,148	1,561	1,561	2,250	2,479	2,724	2,986
Swan Hills	1,376	2,012	2,206	2,351	2,553	2,553	2,497
Sylvan Lake	1,597	1,837	1,837	1,837	3,345	3,650	3,779
Taber	4,765	5,296	5,321	5,381	5,556	5,708	5,988
Vegreville	3,691	4,158	4,158	4,281	4,281	4,809	5,251
Vermilion	2,917*	3,162	3,182	3,182	3,455	3,455	3,766
Wainwright	3,872	3,890	3,890	4,024	4,115	4,115	4,266
Westlock	3,426	3,721	3,824	3,824	3,824	3,824	4,424
Wetaskiwin	6,267	6,754	7,422	8,034	8,592	9,167	9,597
Whitecourt	3,202	3,878	4,056	4,400	4,758	5,153	5,585

* Adjusted figures due to boundary changes

(1) Based on 1976 Area (1976 data based on 1981 Area is available upon request).

NOTE: Municipalities are not required by law to conduct annual population counts. Therefore the data above may or may not refer to the actual population during the reference year. Edmonton Metro includes Fort Saskatchewan, St. Albert, Edmonton, Morinville, Gibbons, Bon Accord, Legal, Strathcona County No. 20, Sturgeon M.D. 90, Redwater(1981), and Alexander Reserve No. 134 (except in 1977-1980).

SOURCE: Statistics Canada Census of Canada for 1971, 1976, and 1981; Alberta Municipal Affairs for all other years.

TABLE 11
POPULATION PROJECTIONS
ALBERTA
1982 - 2006

(Thousands)

	PROJECTION SERIES 4						PROJECTION SERIES 5					
	1982	1986	1991	1996	2001	2006	1982	1986	1991	1996	2001	2006
MALE												
0-4	106.5	125.2	134.6	135.1	139.4	152.6	106.6	124.5	137.7	143.9	152.4	168.3
5-9	91.3	112.2	133.1	142.4	143.0	147.3	91.2	111.8	135.4	148.8	155.0	163.3
10-14	91.7	96.4	118.5	139.3	148.7	149.1	91.8	96.0	120.4	144.2	157.4	163.5
15-19	102.3	99.7	103.1	125.0	145.8	155.0	101.9	99.7	105.5	129.7	153.1	166.4
20-24	122.2	125.7	116.7	120.0	141.7	162.5	121.5	125.3	123.2	128.9	152.9	176.2
25-29	127.2	147.8	147.0	138.0	141.5	162.9	127.1	146.3	155.0	153.0	158.7	182.6
30-34	103.8	136.2	159.5	158.7	149.7	153.2	104.2	135.4	162.9	171.7	169.6	175.4
35-39	77.3	103.7	139.6	162.6	161.8	153.0	77.3	103.8	140.6	167.9	176.6	174.7
40-44	58.4	73.3	104.8	140.1	162.7	162.0	58.5	73.2	106.0	142.3	169.0	177.5
45-49	53.2	56.8	73.2	104.0	138.4	160.5	53.3	56.7	73.7	105.7	140.9	167.2
50-54	50.2	52.5	55.9	71.8	101.4	134.6	50.2	52.5	56.2	72.4	103.5	137.5
55-59	42.9	48.0	50.8	54.0	68.8	97.0	42.9	48.0	51.2	54.5	70.0	99.3
60-64	35.7	39.8	44.6	47.4	50.3	64.0	35.7	39.8	44.9	47.8	51.1	65.3
65-69	27.6	30.6	35.5	39.9	42.1	44.8	27.6	30.8	35.6	40.3	43.0	45.8
70-74	20.7	23.0	25.6	29.6	33.2	35.1	20.7	22.9	25.7	29.9	33.5	35.7
75-79	14.1	15.3	17.4	19.5	22.4	25.1	14.1	15.0	17.1	19.2	22.3	25.1
80-84	7.9	9.2	10.2	11.4	12.7	14.7	7.9	9.1	9.8	11.1	12.7	14.5
85-89	3.4	3.8	4.5	5.0	5.7	6.5	3.3	3.7	4.5	4.8	5.6	6.2
90+	1.8	1.7	1.8	2.1	2.4	2.7	1.8	1.7	1.8	2.1	2.3	2.6
ALL AGES	1,138.2	1,300.6	1,476.3	1,645.8	1,812.1	1,982.5	1,137.6	1,295.6	1,507.3	1,718.4	1,929.7	2,147.0
0-14	289.5	333.8	386.2	416.8	431.1	449.0	289.5	332.3	393.5	436.9	464.8	495.1
15-64	773.2	883.5	995.2	1,121.6	1,262.1	1,404.7	772.6	880.7	1,019.2	1,173.9	1,345.4	1,522.1
15-24	224.5	225.4	219.8	245.0	287.5	317.5	223.4	225.0	228.7	258.6	306.0	342.6
25-44	366.7	461.0	550.9	599.4	615.7	631.1	367.1	458.7	564.5	634.9	673.9	710.2
45-64	182.0	197.1	224.5	277.2	358.9	456.1	182.1	197.0	226.0	280.4	365.5	469.3
65+	75.5	83.6	95.0	107.5	118.5	128.9	75.4	83.2	94.5	107.4	119.4	129.9
18+	790.6	907.4	1,028.5	1,152.3	1,292.5	1,441.2	806.9	903.8	1,051.0	1,202.0	1,372.2	1,552.5
FEMALE												
0-4	102.1	120.1	129.0	129.4	133.7	146.2	102.1	119.3	132.1	138.0	146.2	161.4
5-9	86.9	107.3	127.2	136.2	136.6	140.8	86.8	106.7	129.4	142.2	148.0	156.1
10-14	86.8	91.2	112.9	133.1	141.9	142.6	86.8	91.0	114.9	137.5	150.5	156.1
15-19	97.5	94.2	97.1	119.0	139.1	147.9	97.1	94.1	99.4	123.2	145.9	158.6
20-24	116.6	120.1	110.6	113.7	135.4	155.3	115.9	119.9	117.0	122.2	146.0	168.6
25-29	117.4	136.2	136.6	126.9	130.1	151.7	117.9	134.6	142.7	140.0	145.0	168.9
30-34	90.7	117.8	141.6	142.0	132.4	135.5	90.8	118.0	142.4	150.5	147.8	152.9
35-39	72.5	91.3	120.5	144.1	144.3	135.0	72.5	91.3	121.8	146.0	154.1	151.4
40-44	56.1	69.3	92.9	121.8	145.1	145.6	56.2	69.1	93.8	124.2	148.0	156.1
45-49	49.8	54.9	69.5	92.8	121.3	144.4	49.8	54.9	69.9	94.2	124.1	147.8
50-54	47.2	49.7	55.3	69.5	92.2	120.3	47.2	49.7	55.6	70.4	94.1	123.3
55-59	44.6	47.2	49.7	55.1	68.9	91.1	44.6	47.0	50.2	55.9	70.3	93.4
60-64	39.0	44.2	46.4	48.7	54.0	67.1	39.0	44.2	46.8	49.7	55.3	69.0
65-69	31.5	35.6	42.4	44.4	46.8	51.5	31.5	35.6	42.9	45.3	47.9	53.2
70-74	23.8	28.4	32.9	38.9	40.7	42.6	23.9	28.4	32.9	39.2	41.4	43.9
75-79	16.9	19.8	24.6	28.3	33.3	34.9	16.8	19.8	24.5	28.4	33.8	35.8
80-84	11.3	13.7	16.3	20.1	23.1	27.1	11.3	13.7	16.5	20.3	23.4	27.7
85-89	6.2	7.6	9.4	11.0	13.5	15.6	6.2	7.6	9.4	11.3	13.9	15.9
90+	2.6	3.1	4.0	4.8	5.8	7.0	2.6	3.1	4.0	4.9	5.9	7.1
ALL AGES	1,099.5	1,251.6	1,418.7	1,579.8	1,738.4	1,902.1	1,099.0	1,248.0	1,446.0	1,643.4	1,841.6	2,047.1
0-14	275.8	318.6	369.1	398.7	412.2	429.6	275.7	317.0	376.4	417.7	444.7	473.6
15-64	731.4	824.9	920.2	1,033.6	1,162.8	1,293.9	731.0	822.8	939.6	1,076.3	1,230.6	1,390.0
15-24	214.1	214.3	207.7	232.7	274.5	303.2	213.0	214.0	216.4	245.4	291.9	327.2
25-44	336.7	414.6	491.6	534.8	551.9	567.8	337.4	413.0	500.7	560.7	594.9	629.3
45-64	180.6	196.0	220.9	266.1	336.4	422.9	180.6	195.8	222.5	270.2	343.8	433.5
65+	92.3	108.2	129.6	147.5	163.2	178.7	92.3	108.2	130.2	149.4	166.3	183.6
18+	752.1	876.9	991.3	1,108.0	1,241.8	1,384.5	768.3	875.0	1,010.1	1,150.1	1,408.6	1,478.8
BOTH SEXES												
ALL AGES	2,237.7	2,552.2	2,895.0	3,225.6	3,550.5	3,884.6	2,236.6	2,543.6	2,953.5	3,361.8	3,771.3	4,194.1
NM(1)	52,000	36,000	34,000	34,000	34,000	34,000	41,900	45,500	47,300	47,300	47,300	47,300

(1) Refers to Assumptions of net migration size.

NOTE: Both projection series are based on a constant fertility assumption of 2.109 births per women of child bearing age.

SOURCE: Alberta Bureau of Statistics, "Population Projections Alberta, 1977 - 2006."

TABLE 12
POST-SECONDARY FULL-TIME ENROLMENT RELATED TO RELEVANT AGE GROUP POPULATION
ALBERTA AND SELECTED PROVINCES
1971/72 - 1980/81

(Percent)

	1971/72	1976/77	1977/78	1978/79	1979/80	1980/81
Non-University Related to 18-21 age group population						
Alberta	8.9	10.7	10.8	10.7r	10.5	10.2
British Columbia	4.7	9.2	9.3	9.2	8.7	8.9
Saskatchewan	3.8	3.3	3.2	3.2	3.2	3.2
Manitoba	5.6	4.4	4.0	3.9	3.8	4.3
Ontario	10.9	9.5	9.6	10.0	10.6	11.3
Quebec	8.2	23.6r	25.8	26.3	25.6	26.1
Canada	8.2	12.5r	13.2	13.4	13.3	13.6
University Related to 18-24 age group population						
Alberta	15.3	12.4	11.8	10.8	10.2	10.1
British Columbia	13.2	10.1	9.8	9.3	9.2	9.1
Saskatchewan	14.3	12.6	11.8	11.4	11.1	11.3
Manitoba	14.0	13.7	13.1	12.4	11.9	12.1
Ontario	13.4	15.5	14.6	13.9	13.6	13.9
Quebec	13.9	9.0	9.3	9.4	9.8	10.2
Canada	13.7	12.4	12.0	11.5	11.4	11.6
Total Post-Secondary Related to 18-24 age group population						
Alberta	20.5	18.7	18.0r	16.9	16.2	15.9
British Columbia	15.9	15.5	15.2	14.6	14.3	14.2
Saskatchewan	16.6	14.7	13.7	13.3	13.0	13.2
Manitoba	17.3	16.3	15.5	14.7	14.1	14.6
Ontario	19.5	21.1	20.2	19.7	19.8	20.5
Quebec	18.7	23.1r	24.5	25.0	24.8	25.3
Canada	18.5	19.8	19.7r	19.3	19.1	19.5

NOTE: Interprovincial comparisons are not valid because of differences in education systems.

SOURCE: Statistics Canada, "Education in Canada," Catalogue No. 81-229.

TABLE 13
PUBLIC AND SEPARATE SCHOOL STATISTICS
ALBERTA
1971/72 - 1980/81

	1971/72	1976/77	1977/78	1978/79	1979/80	1980/81
Full Time Student Enrolment (Grades 1 - 12)	425,468	424,836	421,833	418,715	415,595	417,016
Teachers (1)	22,255	23,499	23,876	23,867	24,073	24,601
Student/Teacher Ratio	19.1	18.1	17.7	17.5	17.3	17.0
Schools	1,376	1,361	1,389	1,405	1,423	1,421
School Rooms	16,764	18,190	18,725	19,307	19,754	18,974

(1) Teacher count includes administrators and other service personnel.

SOURCE: Alberta Education, "Annual Report".

TABLE 14
ENROLMENT IN COLLEGES, TECHNICAL INSTITUTES AND VOCATIONAL CENTRES
ALBERTA
1971/72 - 1981/82

	1971/72	1976/77	1977/78	1978/79	1979/80	1980/81r	1981/82
Public Colleges							
Fairview	60	341	373	371	384	439	518
Grande Prairie Regional	390	640	652	587	508	477	629
Grant MacEwen Community	542	1,729	2,048	1,772	1,803	1,773	1,621
Keyano	-	478	435	360	431	527	563
Lakeland	-	462	461	579	497	645	739
Lethbridge Community	1,070	1,213	1,348	1,435	1,489	1,572	1,717
Medicine Hat	582	419	590	558	556	705	884
Mount Royal	2,208	2,559	2,702	2,621	2,499	2,796	2,808
Olds	313	491	665	572	522	545	690
Red Deer	809	1,223	1,185	1,209	1,225	1,241	1,483
Total	5,974	9,555	10,459	10,064	9,914	10,720	11,652
Technical Institutes							
N.A.I.T.	3,661	4,497	4,610	4,877	4,725	4,823	4,910(2)
S.A.I.T.	2,970	4,408	4,943	5,484	5,711	5,956	6,051(2)
Total	6,631	8,905	9,553	10,361	10,456	10,799	10,961(2)
Alberta Vocational Centres (1) r							
Calgary	N/A	2,320	2,714	2,517	2,211	2,578	2,443
Edmonton	N/A	1,992	2,321	2,541	3,263	4,472	5,300(2)
Grouard	N/A	1,100	1,247	1,300	1,518	1,387	1,500(2)
Lac La Biche	N/A	568	453	695	675	741	780
Total	N/A	5,980	6,735	7,053	7,667	9,178	10,023
Community Vocational Centres (1)	N/A	240	717	507	479	633	549(2)
Universities							
University of Alberta	18,243	20,019	19,491	18,764	18,117	18,273	19,571
University of Calgary	9,173	10,864	10,805	10,644	10,738	11,077	12,106
Univeristy of Lethbridge	1,218	1,483	1,531	1,439	1,419	1,502	1,771
Athabasca University	-	1,270	1,816	3,771	4,580	5,613	7,845(2)
Total	28,634	33,636	33,643	34,618	34,854	36,465	41,293

(1) Total enrolment for the year

(2) Estimates

SOURCE: Advanced Education and Manpower

TABLE 15
PUBLIC ASSISTANCE CASELOAD(1) BY REASON FOR ASSISTANCE
ALBERTA, EDMONTON AND CALGARY
1971/72 - 1981/82

	1971/72	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82p
ALBERTA							
Aged 60+	4,290	5,646	5,377	5,019	4,626	3,611	3,258
Phys. Ill Health Disability	7,266	6,167	6,226	5,939	5,815	5,756	6,236
Mental Ill Health	2,139	2,014	1,981	1,933	1,829	1,297	1,172
Mental Retardation (2)	N/A	796	976	1,175	1,230	479	295
Unsuited for Employment (2)	N/A	766	852	922	1,031	733	708
Person with Dependent Children	9,189	13,607	14,563	13,982	13,373	13,198	14,165
Employables	3,918	5,318	5,877	4,621	4,299	4,936	5,727
TOTAL	26,802	34,314	35,852	33,591	32,203	30,010	31,561
EDMONTON							
Aged 60+	1,356	1,847	1,814	1,684	1,546	1,174	1,159
Phys. Ill Health Disability	2,603	2,179	2,112	2,036	2,009	1,995	2,325
Mental Ill Health	882	885	864	830	799	570	603
Mental Retardation (2)	N/A	251	319	392	426	140	90
Unsuited for Employment (2)	N/A	277	297	306	317	224	244
Person with Dependent Children	3,944	5,539	5,832	5,533	5,460	4,742	5,497
Employables	1,399	1,353	1,539	1,356	1,143	1,341	1,864
TOTAL	10,761	12,331	12,777	12,137	11,700	10,186	11,782
CALGARY							
Aged 60+	955	1,409	1,347	1,289	1,209	991	968
Phys. Ill Health Disability	1,546	1,700	1,751	1,683	1,718	1,710	1,872
Mental Ill Health	547	506	494	486	474	401	371
Mental Retardation (2)	N/A	241	269	313	322	133	86
Unsuited for Employment (2)	N/A	110	128	150	223	191	175
Person with Dependent Children	2,635	4,527	4,798	4,697	4,554	4,457	4,645
Employables	920	1,554	1,739	1,360	1,380	1,548	1,652
TOTAL	7,044	10,047	10,526	9,978	9,880	9,431	9,769

(1) Excluding Guardian Social Allowance.
(2) Changes in reasons for assistance.

Edmonton Area includes: County 31, County 20 and M.D. 90.
Calgary Area includes: County 2, M.D. 31, M.D. 44, I.D. 8 and I.D. 9.

NOTE: Caseload equals number of applicants with or without dependants.
Persons receiving short-term assitance via form 150 are not included in the caseload count.
Prior to the take-over of municipal caseload in 1976, caseload was under-reported. This mainly affects the employable caseload since 2/3 of municipal cases are employables.

SOURCE: Alberta Social Services and Community Health, Planning Secretariat.

TABLE 16
CRIMINAL AND OTHER OFFENCES
ALBERTA
1971 - 1980

	1971	1975	1976	1977	1978	1979	1980p
Murder	39	46	63	63	72	52	46
Attempted Murder	31	47	65	81	88	73	80
Manslaughter	5	14	5	7	11	4	9
Rape	174	217	250	261	274	294	296
Other Sexual Offences	668	814	856	836	1,018	940	1,239
Wounding	176	236	231	248	233	305	298
Assaults (Not Indecent)	9,897	11,447	12,104	11,924	12,127	12,696	13,380
Robbery	996	1,450	1,454	1,646	1,358	1,392	1,737
Breaking & Entering	15,839	21,897	22,644	24,398	24,538	26,198	31,089
Theft Motor Vehicle	5,830	8,414	8,996	9,635	9,543	9,983	11,458
Theft Over $200 ($50)(1)	(16,745)	9,862	11,421	12,716	13,226	17,041	22,640
Theft $200 ($50) and Under(1)	(30,509)	46,277	50,130	51,100	47,407	48,913	52,697
Have Stolen Goods	1,904	1,737	2,001	2,466	2,355	2,951	3,485
Frauds	8,927	11,590	9,500	9,732	9,934	10,379	12,034
Prostitution	110	119	172	203	126	105	57
Gaming and Betting	82	72	97	50	71	93	64
Offensive Weapons	688	1,564	1,783	1,855	1,858	1,990	2,089
Other Criminal Code	23,161	36,618	41,642	43,175	41,036	45,320	50,422
Addicting Opiate-Like Drugs	519	352	196	421	386	356	475
Cannabis (Marijuana)	1,516	6,067	9,755	9,720	8,490	9,063	10,534
Controlled Drugs	453	116	91	60	64	93	147
Restricted Drugs	793(2)	512	327	357	355	631	832
Other Federal Statutes (3)	2,361	5,374	7,536	9,532	10,331	9,995	7,986
Provincial Statutes	51,967	67,862	78,117	81,677	79,123	93,084	97,551
Municipal By-Laws	6,414	6,083	4,562	4,409	4,809	6,835	7,165
ALL OFFENCES - TOTAL	179,804	238,787	263,498	276,572	268,834	298,786	327,810
TRAFFIC ENFORCEMENT							
Criminal Negligence							
Causing Death	17	24	29	27	29	62	49
Causing Bodily Harm	12	43	38	22	25	43	45
Operating Motor Vehicle	44	150	123	142	134	166	172
Driving While Impaired	6,819	13,791	15,484	18,954	21,612	22,875	24,717

(1) In 1971, the legal cut-off was $50.

(2) Included LSD only.

(3) Excluding traffic offences.

NOTE: Data reflect changes in legislation and recording practices.

SOURCE: Statistics Canada, "Crime and Traffic Enforcement Statistics," Catalogue No. 85-205.

TABLE 17
CRIMINAL AND OTHER OFFENCES - RATE/100,000 POPULATION
ALBERTA
1971 - 1980

	1971	1975	1976	1977	1978	1979r	1980p
Murder	2.8	2.6	3.5	3.2	3.8	2.4	2.1
Attempted Murder	2.2	2.7	3.6	4.2	4.5	3.6	3.8
Manslaughter	0.4	0.8	0.3	0.3	0.5	0.1	0.4
Rape	12.3	12.3	13.7	13.7	14.0	14.6	14.2
Other Sexual Offences	47.3	46.0	46.9	44.0	52.2	46.8	59.6
Wounding	12.5	13.3	12.7	13.0	11.9	15.1	14.3
Other Assaults (Not Indecent)	700.2	647.4	662.8	627.7	621.8	632.0	643.7
Robbery	70.5	82.0	79.6	86.6	69.6	69.2	83.5
Breaking & Entering	1,120.6	1,238.5	1,240.1	1,284.3	1,258.1	1,304.0	1,495.7
Theft Motor Vehicle	412.5	475.9	492.7	507.1	489.3	496.9	551.2
Theft Over $200 ($50)(1)	(1,184.6)	557.8	625.5	669.3	678.1	848.2	1,089.2
Theft $200 ($50) and Under(1)	(2,158.4)	2,617.5	2,745.3	2,689.8	2,430.7	2,434.8	2,535.3
Have Stolen Goods	134.7	98.2	104.6	129.8	120.7	146.8	167.6
Frauds	631.6	655.5	520.3	512.2	509.3	516.6	578.9
Prostitution	7.9	6.7	9.4	10.6	6.4	5.2	2.7
Gaming and Betting	5.8	4.1	5.3	2.6	3.6	4.6	3.0
Offensive Weapons	48.7	88.5	97.6	97.6	95.2	99.0	100.5
Other Criminal Code	1,638.6	2,071.2	2,280.5	2,272.7	2,104.0	2,255.9	2,425.8
Addicting Opiate-Like Drugs	36.7	19.9	10.7	22.0	19.6	17.6	22.7
Cannabis (Marijuana)	107.3	343.2	534.2	511.6	435.3	451.1	506.8
Controlled Drugs	32.0	6.6	5.0	3.1	3.2	4.6	7.0
Restricted Drugs	56.1(2)	29.0	17.9	18.7	18.2	31.4	40.0
Other Federal Statutes (3)	167.0	304.0	412.7	501.7	529.7	497.5	384.2
Provincial Statutes	3,676.5	3,838.3	4,278.0	4,299.4	4,056.9	4,633.5	4,693.3
Municipal By-Laws	453.8	344.1	249.8	232.0	246.5	340.2	344.7
ALL OFFENCES - TOTAL	11,045.3	13,506.1	14,457.1	14,558.7	13,784.2	14,873.1	15,771.4
TRAFFIC ENFORCEMENT							
Criminal Negligence							
Causing Death	1.6	1.4	1.6	1.4	1.4	3.0	2.3
Causing Bodily Harm	1.1	2.4	2.1	1.1	1.2	2.1	2.1
Operating Motor Vehicle	4.1	6.5	6.7	7.4	6.8	8.2	8.2
Driving While Impaired	630.9	780.1	848.2	997.7	1,108.1	1,138.6	1,189.1

(1) In 1971, the legal cut-off was $50.

(2) Includes LSD only.

(3) Excluding traffic offences.

NOTE: Data reflect changes in legislation and recording practices.

SOURCE: Statistics Canada, "Crime and Traffic Enforcement Statistics," Catalogue No. 85-205.

LABOUR

- Alberta's total **labour force** grew by 6.0 percent to reach 1,136,000 persons in 1981. The average number of persons employed totalled 1,093,000, an increase of 5.9 percent over 1980.

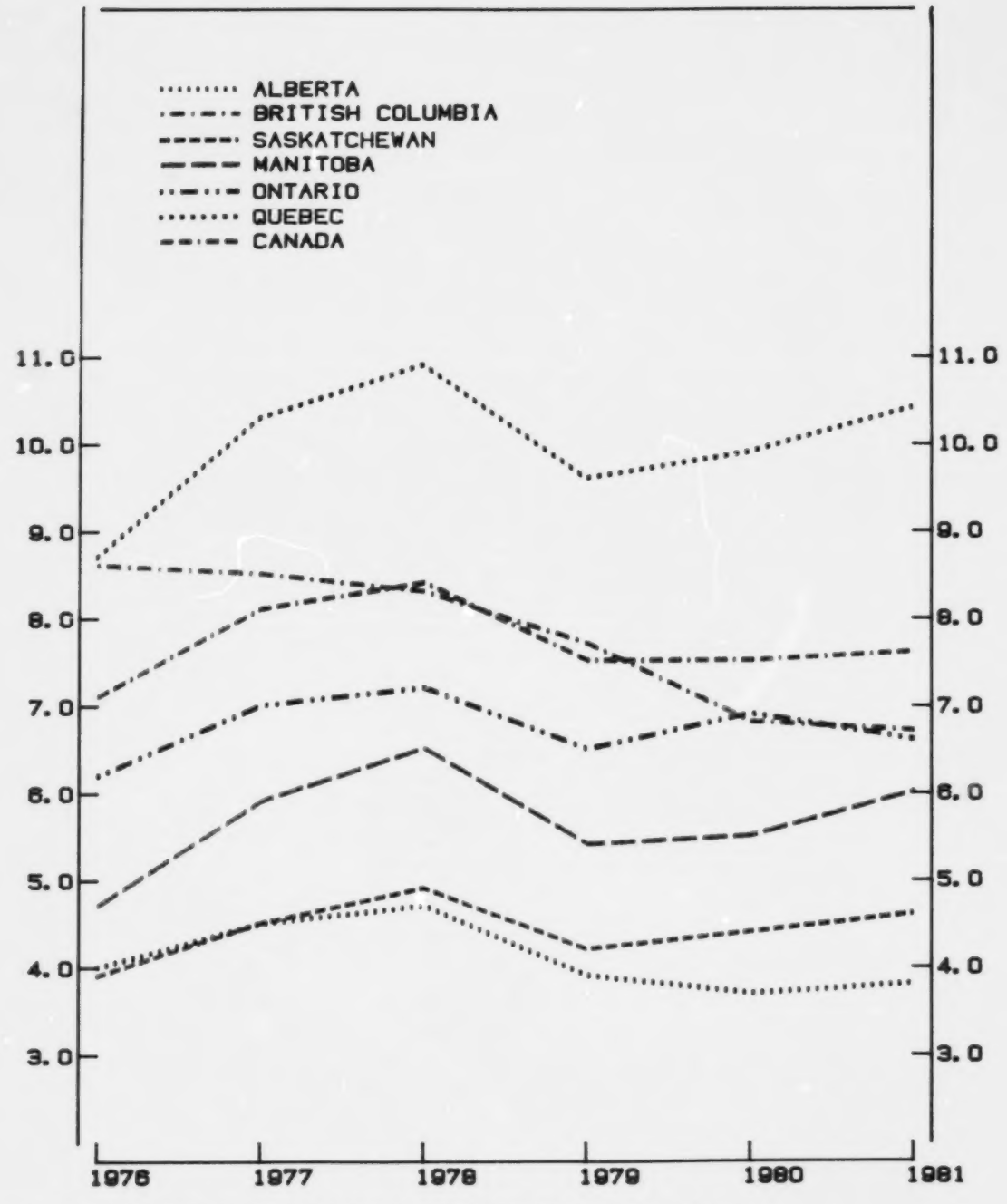
- The **unemployment rate** in Alberta moved slightly upwards in 1981 to 3.8 percent, remaining the lowest in Canada. The national unemployment rate was double that of Alberta's. At 4.3 percent, women in the province had higher unemployment rates than men (3.4 percent) and persons aged 15-24 had considerably higher rates than persons 25 and over.

- The Alberta proportion of **working age population** which actively sought employment in 1981 was 71.6 percent, representing the highest rate in Canada.

- In 1981, the **service industry employed** the largest proportion of the labour force at 28.1 percent or 307,000 persons. After several years of decline in **employment in the agriculture sector**, an increase of 6.1 percent occurred in 1981.

GRAPH 4

UNEMPLOYMENT RATE
CANADA AND SELECTED PROVINCES, 1976 - 1981



SOURCE: STATISTICS CANADA CATALOGUE NO. 71-201

TABLE 18
SUMMARY OF LABOUR FORCE STATISTICS, ANNUAL AVERAGES
CANADA AND SELECTED PROVINCES
1971 - 1981

(Thousands)

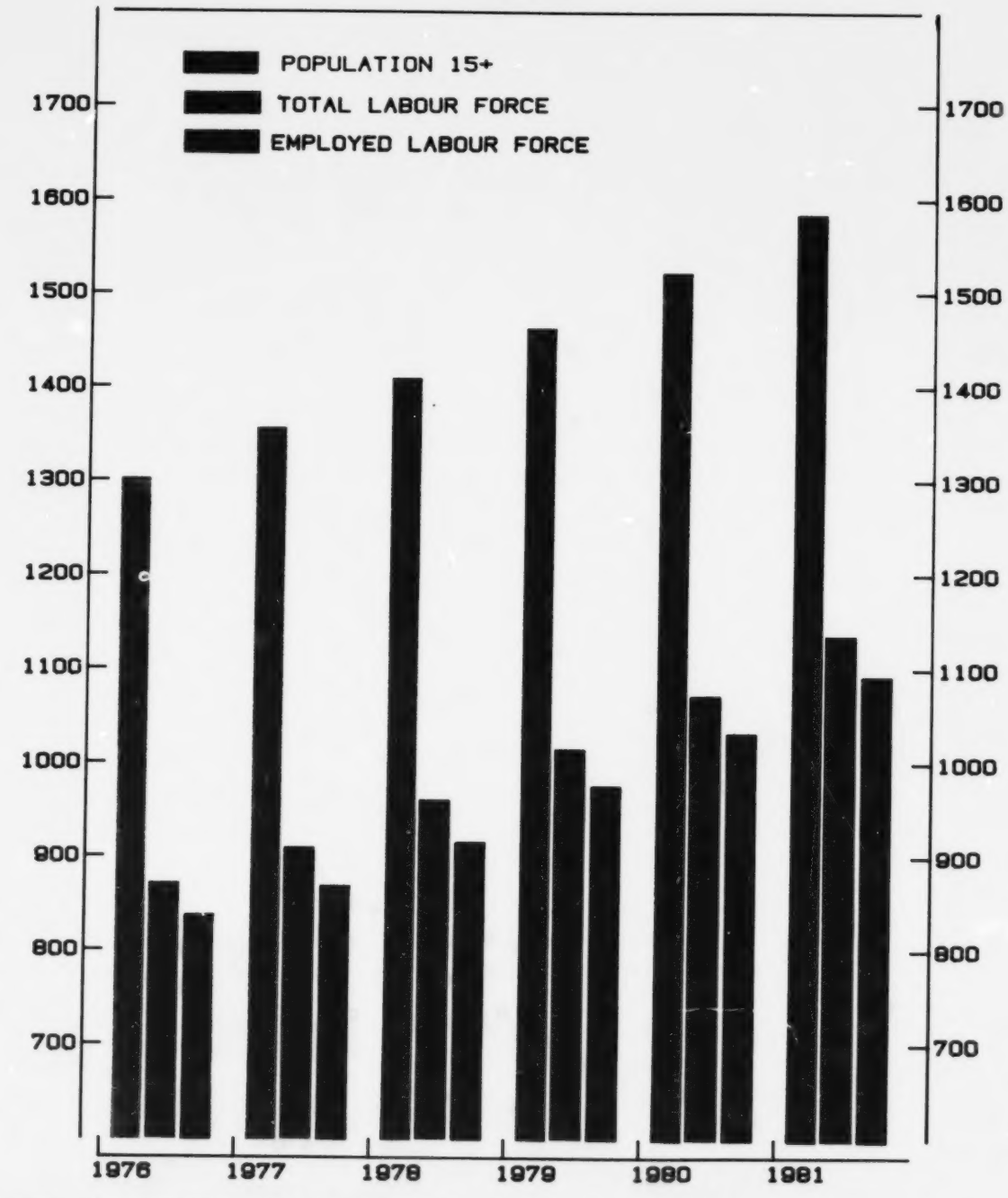
	1971	1976	1977	1978	1979	1980	1981
ALBERTA							
Population 15 Yrs. & Over	1,081	1,302	1,356	1,409	1,463	1,523	1,586
Total Labour Force	682	871	909	960	1,015	1,072	1,136
Employed Labour Force	643	837	868	915	976	1,032	1,093
Unemployed Labour Force	39	34	41	45	39	40	43
Unemployment Rate %	5.7	4.0	4.5	4.7	3.9	3.7	3.8
Participation Rate %	63.0	66.9	67.0	68.2	69.4	70.3	71.6
BRITISH COLUMBIA							
Population 15 Yrs. & Over	1,541	1,822	1,860	1,903	1,949	2,006	2,067
Total Labour Force	899	1,116	1,144	1,192	1,223	1,278	1,337
Employed Labour Force	834	1,020	1,047	1,093	1,129	1,191	1,247
Unemployed Labour Force	65	96	97	98	94	87	90
Unemployment Rate %	7.2	8.6	8.5	8.3	7.7	6.8	6.7
Participation Rate %	58.3	61.3	61.5	62.6	62.7	63.7	64.7
SASKATCHEWAN							
Population 15 Yrs. & Over	625	650	667	680	692	704	714
Total Labour Force	346	394	410	421	433	443	453
Employed Labour Force	334	378	392	400	415	423	432
Unemployed Labour Force	12	15	18	21	18	19	21
Unemployment Rate %	3.5	3.9	4.5	4.9	4.2	4.4	4.6
Participation Rate %	55.3	60.5	61.5	61.9	62.6	62.9	63.5
MANITOBA							
Population 15 Yrs. & Over	677	729	740	747	750	752	757
Total Labour Force	402	447	456	471	478	486	492
Employed Labour Force	379	426	429	440	453	459	462
Unemployed Labour Force	23	21	27	31	26	27	29
Unemployment Rate %	5.7	4.7	5.9	6.5	5.4	5.5	6.0
Participation Rate %	59.3	61.2	61.7	63.1	63.7	64.6	65.0
ONTARIO							
Population 15 Yrs. & Over	5,405	6,084	6,210	6,333	6,439	6,535	6,616
Total Labour Force	3,290	3,885	3,994	4,147	4,289	4,366	4,481
Employed Labour Force	3,113	3,645	3,714	3,847	4,008	4,066	4,186
Unemployed Labour Force	178	240	280	300	280	300	295
Unemployment Rate %	5.4	6.2	7.0	7.2	6.5	6.9	6.6
Participation Rate %	60.9	63.9	64.3	65.5	66.6	66.8	67.7
QUEBEC							
Population 15 Yrs. & Over	4,192	4,610	4,682	4,736	4,792	4,848	4,895
Total Labour Force	2,347	2,689	2,756	2,827	2,878	2,959	2,996
Employed Labour Force	2,175	2,456	2,473	2,520	2,602	2,667	2,685
Unemployed Labour Force	171	233	284	307	277	292	311
Unemployment Rate %	7.3	8.7	10.3	10.9	9.6	9.9	10.4
Participation Rate %	56.0	58.3	58.9	59.7	60.1	61.0	61.2
CANADA							
Population 15 Yrs. & Over	14,872	16,706	17,057	17,381	17,691	18,004	18,295
Total Labour Force	8,639	10,206	10,498	10,882	11,207	11,522	11,830
Employed Labour force	8,104	9,479	9,648	9,972	10,369	10,655	10,933
Unemployed Labour Force	535	727	850	911	838	867	898
Unemployment Rate %	6.2	7.1	8.1	8.4	7.5	7.5	7.6
Participation Rate %	58.1	61.1	61.5	62.6	63.3	64.0	64.7

Note: See Glossary for a definition of the terms used.

Source: Statistics Canada, "The Labour Force", Catalogue No.'s 71-001 and 71-201.

GRAPH 5

LABOUR FORCE STATISTICS 1976 - 1981
ALBERTA
(THOUSANDS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 71-201

TABLE 19
LABOUR FORCE STATISTICS BY SEX, ANNUAL AVERAGES
ALBERTA
1971 - 1981

(Thousands)

	1971(1)	1976	1977	1978	1979	1980	1981
Population 15 Years & Over(1)							
Total	1,116	1,302	1,356	1,409	1,463	1,523	1,586
Male	565	655	682	707	733	764	796
Female	551	647	675	702	730	760	790
Labour Force							
Total	663	871	909	960	1,015	1,072	1,136
Male	446	543	564	588	617	641	674
Female	217	328	346	372	398	431	462
Employed							
Total	633	837	868	915	976	1,032	1,093
Male	424	525	541	565	597	620	651
Female	208	312	327	351	379	412	442
Unemployed							
Total	31	34	41	45	39	40	43
Male	22	19	22	23	20	21	23
Female	9	16	18	22	19	19	20
Not In Labour Force							
Total	453	431	447	449	448	451	450
Male	119	112	118	119	116	123	122
Female	334	319	329	330	332	329	328
Unemployment Rate %							
Total	4.7	4.0	4.5	4.7	3.9	3.7	3.8
Male	4.9	3.4	4.0	4.0	3.2	3.3	3.4
Female	4.1	4.8	5.3	5.8	4.9	4.3	4.3
Participation Rate %							
Total	59.4	66.9	67.0	68.2	69.4	70.3	71.6
Male	78.9	83.0	82.7	83.2	84.1	83.9	84.7
Female	39.4	50.7	51.2	53.1	54.6	56.7	58.5
Employment / Population Ratio							
Total	56.7	64.3	64.0	65.0	66.7	67.7	68.9
Male	75.0	80.2	79.4	79.8	81.4	81.1	81.8
Female	37.7	48.2	48.5	50.0	51.9	54.2	56.0

(1) 1971 data refers to the population of 14 years of age and over.

SOURCE: Statistics Canada "The Labour Force", Catalogue No.'s 71-001 and 71-201.

TABLE 20
LABOUR FORCE BY AGE AND SEX, ANNUAL AVERAGES
ALBERTA
1981

	Population 15+ (000)	Labour Force			Participation Rate %	Unemployment Rate %
		Total (000)	Employment (000)	Unemployment (000)		
BOTH SEXES						
Total	1,586	1,136	1,093	43	71.6	3.8
15-24 Years	429	325	303	22	75.7	6.7
15-19 Years	199	131	119	12	65.9	9.0
20-24 Years	230	194	184	10	84.1	5.2
25 Years & Over	1,157	812	790	21	70.1	2.6
25-34 Years	406	337	326	11	83.0	3.3
35-44 Years	251	208	203	4	82.9	2.1
45-54 Years	197	158	155	4	80.4	2.2
55-64 Years	155	92	90	-	59.2	-
65 Years & Over	149	17	17	-	11.3	-
MEN						
Total	796	674	651	23	84.7	3.4
15-24 Years	216	176	164	12	81.4	6.9
15-19 Years	101	70	64	7	69.8	9.4
20-24 Years	116	106	100	5	91.6	5.2
25 Years & Over	580	498	487	11	85.9	2.2
25-34 Years	207	202	196	6	97.5	2.9
35-44 Years	127	125	123	-	97.9	-
45-54 Years	102	98	96	-	96.7	-
55-64 Years	75	60	59	-	79.9	-
65 Years & Over	68	13	13	-	19.2	-
WOMEN						
Total	790	462	442	20	58.5	4.3
15-24 Years	213	149	139	10	69.8	6.6
15-19 Years	98	61	56	5	61.9	8.6
20-24 Years	115	88	83	5	76.6	5.2
25 Years & Over	577	313	304	10	54.3	3.2
25-34 Years	199	135	130	5	68.0	3.9
35-44 Years	123	83	81	-	67.4	-
45-54 Years	95	60	59	-	63.1	-
55-64 Years	79	31	31	-	39.5	-
65 Years & Over	80	4	4	-	4.6	-

SOURCE: Statistics Canada, "The Labour Force", Catalogue No.'s 71-001 and 71-201.

TABLE 21
EMPLOYED LABOUR FORCE BY INDUSTRY, ANNUAL AVERAGES
ALBERTA
1976 - 1981

(Thousands)

	1976	1977	1978	1979	1980	1981
All Industries	837	868	915	976	1,032	1,093
Agriculture	116	86	84	83	82	87
Other Primary	32	40	51	57	63	69
Manufacturing	76	78	77	82	97	101
Construction	77	83	92	106	98	114
Transportation, Communication & Other Utilities	70	74	83	89	92	91
Trade	150	165	164	176	186	193
Finance, Insurance & Real Estate	38	46	47	52	56	57
Service	220	236	258	270	290	307
Public Administration	58	58	59	60	67	75

NOTE: Comparable data not available prior to 1975 due to major revisions to Statistics Canada's Monthly Labour Force Survey.
SOURCE: Statistics Canada, "The Labour Force," Catalogue No. 71-001.

TABLE 22
EMPLOYED LABOUR FORCE BY OCCUPATION, ANNUAL AVERAGES
ALBERTA
1976 - 1981

(Thousands)

	1976	1977	1978	1979	1980	1981
All Occupations	837	868	915	976	1,032	1,093
Managerial, Administrative	178	185	215	219	231	263
Clerical	135	148	145	159	177	184
Sales	90	105	97	106	110	114
Service	94	102	107	117	124	134
Primary	127	102	104	105	106	108
Processing	76	85	88	95	106	109
Construction	73	83	87	96	89	98
Transportation	36	34	42	46	54	47
Materials Handling & Other Crafts	28	25	30	34	36	36

NOTE: Comparable data not available prior to 1975 due to major revisions to Statistics Canada's Monthly Labour Force Survey.
SOURCE: Statistics Canada, "The Labour Force," Catalogue No. 71-001.

TABLE 23
EMPLOYED LABOUR FORCE BY EDUCATIONAL ATTAINMENT, ANNUAL AVERAGES
ALBERTA
1976 - 1981

(Thousands)

	1976	1977	1978	1979	1980	1981
Total	837	868	915	976	1,032	1,093
0-8 Years	113	101	97	102	101	100
High School	430	456	503	562	600	613
Some Post Secondary	96	106	102	91	94	104
Post Secondary Certificate or Diploma	104	109	107	107	120	145
University Degree	93	95	107	113	116	131

NOTE: Comparable data not available prior to 1975 due to major revisions to Statistics Canada's Monthly Labour Force Survey.
SOURCE: Statistics Canada, "The Labour Force," Catalogue No. 71-001.

TABLE 24
LABOUR FORCE STATISTICS, ANNUAL AVERAGES
ALBERTA, EDMONTON AND CALGARY
1976 - 1981

(Thousands)

ALBERTA	1976	1977	1978	1979	1980	1981
Population 15+	1,302	1,356	1,409	1,463	1,523	1,586
Total Labour Force	871	909	960	1,015	1,072	1,136
Employed Labour Force	837	868	915	976	1,032	1,093
Unemployed Labour Force	34	41	45	39	40	43
Unemployment Rate %	4.0	4.5	4.7	3.9	3.7	3.8
Participation Rate %	66.9	67.0	68.2	69.4	70.3	71.6
EDMONTON						
Population 15+	418	412	429	440	463	480
Total Labour Force	289	278	297	312	331	352
Employed Labour Force	278	266	284	300	318	337
Unemployed Labour Force	11	12	14	12	13	14
Unemployment Rate %	4.0	4.2	4.7	3.7	4.0	4.1
Participation Rate %	69.2	67.5	69.3	70.8	71.5	73.2
CALGARY						
Population 15+	336	387	380	394	410	425
Total Labour Force	227	270	268	282	303	317
Employed Labour Force	216	256	254	270	292	305
Unemployed Labour Force	11	13	14	12	11	12
Unemployment Rate %	4.7	4.9	5.3	4.2	3.6	3.8
Participation Rate %	67.6	69.7	70.5	71.5	73.9	74.7

NOTE: Comparable data not available prior to 1975 due to major revisions to Statistics Canada's Monthly Labour Force Survey.

Source: Statistics Canada, "The Labour Force," Catalogue No.'s 71-001 and 71-201.

TABLE 25
TOTAL PERSON DAYS LOST DUE TO WORK STOPPAGES
CANADA AND SELECTED PROVINCES
1971 - 1981

	1971	1976	1977	1978	1979	1980	1981
Alberta	83,020	106,910	66,810	447,340	62,560	538,680	207,700
British Columbia	267,620	1,490,680	144,730	446,360	645,780	389,610	2,787,130
Saskatchewan	1,910	139,900	32,200	163,830	329,980	62,320	62,900
Manitoba	82,760	98,190	19,450	292,640	31,120	75,890	186,530
Ontario	1,336,750	1,671,090	1,111,270	2,970,560	2,529,050	1,676,110	2,258,620
Quebec	603,120	6,465,650	1,274,980	1,785,730	3,273,510	3,952,330	1,469,830
Canada	2,866,590	11,609,890	3,307,880	7,392,820	7,834,230	8,975,390	8,878,490

NOTE: Provincial data does not include person days lost in Federally regulated jurisdictions. (Those covered under the "Public Service Staff Relations Act," and the "Canada Labour Code.")

SOURCE: Labour Canada, "Strikes and Lockouts in Canada"

TABLE 26
PERSON DAYS LOST DUE TO WORK STOPPAGES BY INDUSTRY
ALBERTA
1971 - 1981

	1971	1976	1977	1978	1979	1980	1981
Forestry	16,720	-	-	-	-	-	-
Mines	780	16,210	10,440	25,640	26,130	1,220	79,990
Manufacturing	3,900	63,000	9,620	75,860	29,360	109,470	90,250
Construction	26,010	7,560	8,220	114,710	1,760	108,030	8,070
Transportation & Utilities	-	800	110	34,250	-	-	250
Trade	230	1,860	4,860	-	2,410	27,540	5,860
Service	34,000	-	33,560	90,990	2,840	246,460	12,780
Public Administration	1,380	17,480	-	105,890	60	45,960	10,500
TOTAL	83,020	106,910	66,810	447,340	62,560	538,680	207,700

SOURCE: Labour Canada, "Strikes and Lockouts in Canada."

TABLE 27
WORK STOPPAGES BY INDUSTRY BEGINNING DURING THE YEAR
ALBERTA
1971 - 1981

	1971	1976	1977	1978	1979	1980	1981
Forestry	1	-	-	-	-	-	-
Mines	1	3	2	3	2	1	3
Manufacturing	4	12	2	8	17	11	15
Construction	6	3	1	10	2	13	2
Transportation & Utilities	-	1	1	1	-	-	1
Trade	1	3	1	-	2	5	1
Service	5	-	3	23	2	8	6
Public Administration	1	4	-	3	1	5	2
TOTAL	19	26	10	48	26	43	30

SOURCE: Labour Canada, "Strikes and Lockouts in Canada."

TABLE 28
ESTIMATES OF EMPLOYEES BY INDUSTRY, ANNUAL AVERAGES (1)
ALBERTA AND CANADA
1971 - 1981

(Thousands)

	1971	1976	1977	1978	1979	1980	1981
ALBERTA							
Forestry	1.7	2.1	2.2	2.2	2.4	2.4	2.3
Mining, Including Milling	23.8	34.1	36.5	45.5	51.5	63.1	67.6
Manufacturing	52.5	70.4	7[illegible]	74.3	79.3	85.7	88.7
Construction	42.4	63.3	69.7	69.1	83.9	84.6	91.4
Transportation, Communication and Other Utilities	55.0	70.3	73.7	77.1	83.6	87.8	91.8
Trade	91.0	125.0	134.4	145.8	149.5	154.7	164.4
Finance, Insurance and Real Estate	21.5	33.8	38.7	43.0	47.6	50.8	52.8
Community, Business and and Personal Services	165.0	213.1	226.5	240.4	253.5	274.9	306.5
Public Administration and Defence	37.2	51.6	54.3	56.6	59.4	62.2	65.9
TOTAL	490.0	663.7	710.3	753.9	810.8	866.2	931.5
CANADA							
Forestry	60.2	56.0	64.4	66.6	70.2	68.2	65.6
Mining, Including Milling	125.8	136.5	141.7	139.7	151.0	170.2	178.1
Manufacturing	1,639.7	1,772.8	1,775.4	1,803.6	1,873.9	1,851.2	1,884.0
Construction	390.7	454.7	466.7	436.5	466.1	455.4	475.3
Transportation, Communication and Other Utilities	685.3	779.0	794.7	802.9	819.6	842.8	849.7
Trade	1,114.3	1,401.0	1,413.5	1,467.3	1,515.8	1,555.6	1,628.6
Finance, Insurance and Real Estate	316.4	434.4	472.1	488.2	502.4	517.1	533.0
Community, Business and Personal Services	1,929.0	2,358.5	2,470.0	2,544.5	2,656.4	2,766.5	2,935.0
Public Administration and Defence	475.0	606.4	620.7	633.0	625.0	635.6	628.3
TOTAL(2)	6,744.3	8,006.8	8,226.8	8,392.7	8,692.5	8,877.0	9,191.4

(1) Data excludes employment in agriculture and military personnel component of national defence.

(2) Fishing and trapping included in Canada total but excluded in Alberta total.

NOTE: Survey covers firms generally having twenty or more employees in any month of the year.

SOURCE: Statistics Canada, "Estimates of Employees by Province and Industry," Catalogue No. 72-008.

TABLE 29
EMPLOYMENT INDEXES IN LARGER FIRMS (1)
CANADA, ALBERTA AND SELECTED CITIES
1971 - 1981

(1961 = 100)

	1971	1976	1977	1978	1979	1980r	1981
CANADA							
Mining, including Milling	114.8	118.3	122.8	119.1	128.1	142.8	147.8
Manufacturing	121.6	128.1	126.3	127.6	131.4	129.0	129.9
Construction	115.5	113.8	110.9	99.6	96.3	93.5	98.7
Transportation, Communication & Other Utilities	114.6	128.7	130.1	132.5	134.8	139.3	140.6
Trade	140.3	172.2	169.6	173.7	179.1	182.4	185.8
Finance, Insurance & Real Estate	145.9	183.9	194.5	199.2	205.8	208.7	215.3
Service	186.4	242.8	250.1	260.7	271.3	283.7	301.8
Industrial Composite	127.8	144.1	144.3	146.5	150.7	152.4	155.6
ALBERTA							
Mining,including Milling	138.4	173.2	199.2	230.3	261.1	310.2	326.8
Manufacturing	128.7	159.9	166.1	164.3	174.4	180.1	185.9
Construction	136.2	183.4	189.3	173.7	198.6	202.4	233.6
Transportation, Communication & Other Utilities	124.8	155.8	160.4	167.4	176.6	191.9	202.0
Trade	134.9	188.3	191.1	206.0	216.7	230.5	240.1
Finance, Insurance & Real Estate	158.9	223.4	246.8	263.3	287.5	310.2	336.4
Service	203.4	228.0	311.8	322.1	337.4	363.9	398.4
Industrial Composite	139.6	184.9	193.3	203.3	218.1	234.5	247.1
CALGARY							
Mining, including Milling	170.6	225.8	246.1	271.3	349.7	437.1	518.8
Manufacturing	123.8	151.3	154.3	157.9	167.6	172.9	175.2
Construction	149.3	214.9	216.4	244.2	261.2	288.7	357.3
Transportation, Communication & Other Utilities	133.0	181.7	192.9	205.6	218.1	239.6	265.6
Trade	135.6	185.6	191.7	207.5	216.4	226.2	232.3
Finance, Insurance & Real Estate	179.1	265.0	295.6	316.6	345.8	366.2	400.9
Service	218.4	291.3	301.6	324.3	346.3	375.7	420.8
Industrial Composite	149.7	201.5	210.5	225.8	243.8	265.1	291.7
EDMONTON							
Manufacturing	124.1	149.7	151.1	152.1	160.4	166.4	172.8
Construction	124.5	173.7	180.7	179.8	231.0	233.1	248.5
Transportation, Communication & Other Utilities	163.8	221.5	228.3	240.2	254.0	274.4	278.7
Trade	134.3	186.7	183.8	194.7	201.4	213.7	222.4
Finance, Insurance & Real Estate	160.7	240.6	265.9	281.5	302.9	327.1	344.4
Service	202.7	298.6	322.7	301.1	305.1	318.9	343.5
Industrial Composite	144.6	196.2	202.1	208.3	222.3	234.5	245.1
LETHBRIDGE							
Industrial Composite	138.3	169.7	176.3	214.1	222.8	229.3	237.4
MEDICINE HAT							
Industrial Composite	102.1	159.7	153.5	169.3	180.6	198.2	203.9
RED DEER							
Industrial Composite	169.8	278.5	290.0	389.8	444.9	439.7	485.1

(1) Generally companies having 20 or more employees in any month of the year.

SOURCE: Statistics Canada, "Employment Earnings and Hours," Catalogue No. 72-002.

PERSONAL INCOME

- In 1980, Alberta's **personal income** was estimated to total $23.0 billion, constituting a per capita level of $10,749. This figure was second among the provinces only to British Columbia where the average was $10,919. On a national basis, per capita personal income was $9,863.

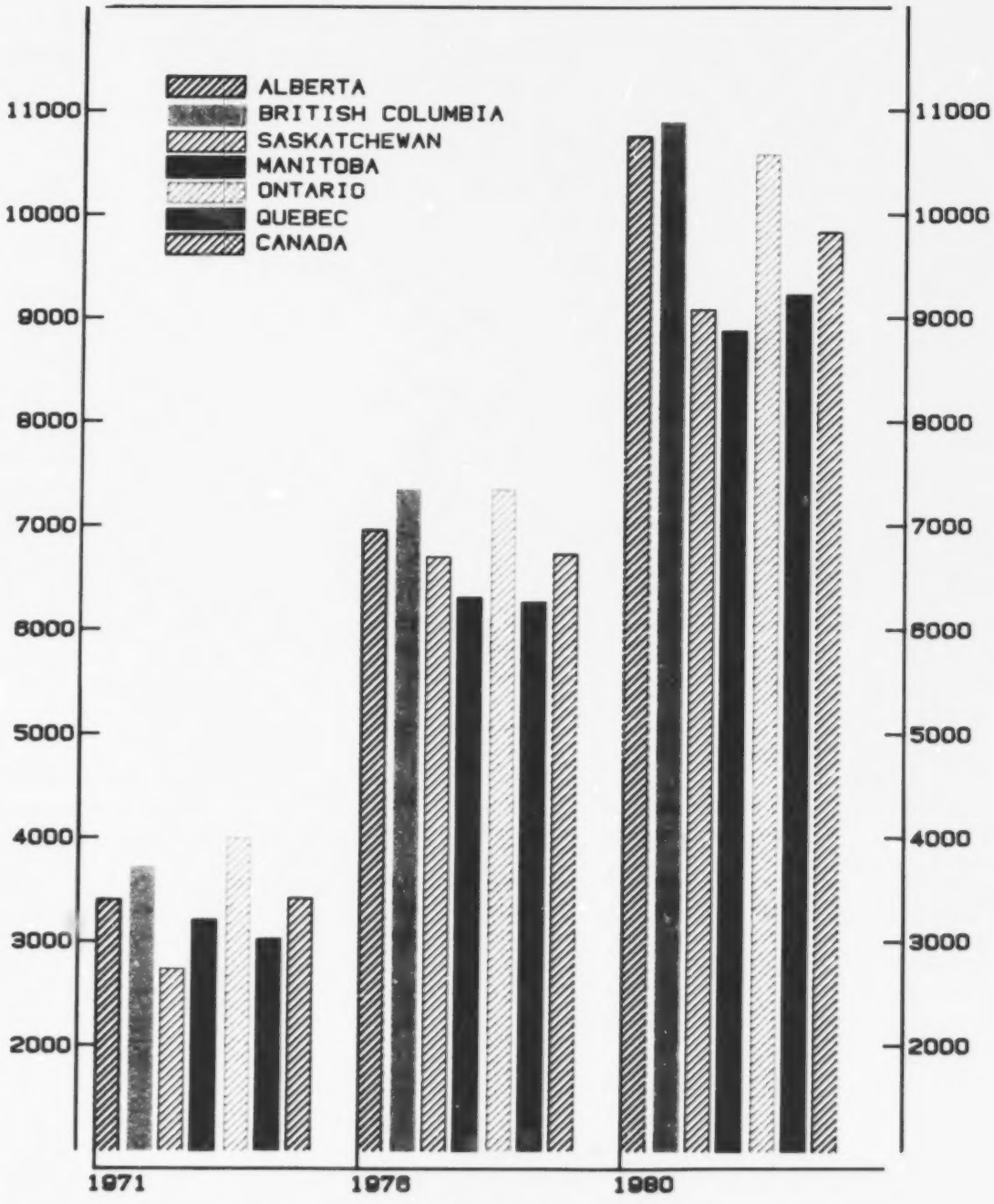
- **Labour income** (wages, salaries and supplementary income) in 1980 increased by 17.7 percent over the previous year to reach $15.9 billion.

- **Personal disposable income per capita** in 1980 was $8,710, an increase of 11.5 percent over 1979. Alberta and Quebec recorded the largest annual increases in Canada during 1980.

- In 1981, the industrial composite for **average weekly earnings** was $390.63, an increase of $48.70 over 1980. The largest increases occurred in the following industries: finance, insurance and real estate (20.9 percent), construction (16.8 percent), manufacturing (14.7 percent), and mining (13.8 percent).

GRAPH 6

PER CAPITA PERSONAL INCOME
CANADA AND SELECTED PROVINCES, 1971 - 1980
(DOLLARS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 13-201

TABLE 30
COMPARISON OF PERSONAL INCOME
CANADA AND SELECTED PROVINCES
1971 - 1980

	1971	1975	1976r	1977r	1978r	1979r	1980p
LBERTA							
Personal Income ($ Million)	5,534	10,991	12,783	14,575	16,787	19,850	23,030
Personal Income Per Person ($)	3,399	6,182	6,955	7,625	8,461	9,642	10,749
Personal Disposable Income ($ Million)	4,505	8,961	10,278	11,734	13,540	16,083	18,663
Personal Disposable Income Per Person ($)	2,767	5,039	5,592	6,139	6,824	7,812	8,710
RITISH COLUMBIA							
Personal Income ($ Million)	8,182	15,787	18,187	20,348	22,749	25,528	29,111
Personal Income Per Person ($)	3,745	6,489	7,373	8,140	8,948	9,858	10,919
Personal Disposable Income ($ Million)	6,593	12,757	14,612	16,436	18,459	20,841	23,759
Personal Disposable Income Per Person ($)	3,018	5,243	5,924	6,575	7,261	8,048	8,912
ASKATCHEWAN							
Personal Income ($ Million)	2,555	5,660	6,199	6,373	7,091	7,869	8,757
Personal Income Per Person ($)	2,759	6,240	6,729	6,819	7,516	8,261	9,111
Personal Disposable Income ($ Million)	2,201	4,802	5,194	5,299	5,992	6,707	7,406
Personal Disposable Income Per Person ($)	2,376	5,292	5,638	5,670	6,351	7,042	7,706
ANITOBA							
Personal Income ($ Million)	3,192	5,865	6,473	7,059	7,759	8,372	9,133
Personal Income Per Person ($)	3,231	5,784	6,337	6,866	7,521	8,131	8,905
Personal Disposable Income ($ Million)	2,624	4,955	5,400	5,939	6,661	7,179	7,755
Personal Disposable Income Per Person ($)	2,655	4,889	5,286	5,777	6,457	6,973	7,561
NTARIO							
Personal Income ($ Million)	30,966	53,902	60,959	67,164	74,178	81,840	91,002
Personal Income Per Person ($)	4,020	6,598	7,376	8,039	8,785	9,623	10,614
Personal Disposable Income ($ Million)	24,567	43,770	49,126	54,368	60,664	66,985	74,037
Personal Disposable Income Per Person ($)	3,189	5,356	5,944	6,507	7,184	7,877	8,635
UEBEC							
Personal Income ($ Million)	18,369	33,801	39,204	43,037	47,398	52,434	59,144
Personal Income Per Person ($)	3,047	5,470	6,288	6,836	7,510	8,261	9,254
Personal Disposable Income ($ Million)	15,002	27,285	31,392	33,802	37,545	41,567	46,799
Personal Disposable Income Per Person ($)	2,489	4,416	5,035	5,370	5,949	6,549	7,322
ANADA							
Personal Income ($ Million)	74,092	138,205	155,343	171,303	190,067	211,394	237,272
Personal Income Per Person ($)	3,435	6,001	6,756	7,356	8,076	8,894	9,863
Personal Disposable Income ($ Million)	59,943	110,996	125,510	138,094	154,623	172,308	192,572
Personal Disposable Income Per Person ($)	2,779	4,890	5,459	5,930	6,570	7,249	8,005

r - revised p - preliminary

OURCE: Statistics Canada, "National Income & Expenditure Accounts," Catalogue No. 13-201.

TABLE 31
PERSONAL INCOME BY COMPONENT
ALBERTA
1971 - 1980

($ Millions)

	1971	1975	1976	1977r	1978r	1979r	1980p
Wages, Salaries and Supplementary Labour Income.	3,694	7,366	8,867	10,231	11,350	13,502	15,894
Military Pay and Allowances	84	135	146	147	135	137	146
Net Income Received by Farm Operators from Farm Production.	249	713	479	372	645	780	784
Net Income of Non-Farm Unincorporated Business Including Rent.	465	654	769	845	922	1,028	1,117
Interest, Dividends and Miscellaneous Investment Income.	385	929	1,153	1,360	1,856	2,306	2,688
Government Transfer Payments	632	1,121	1,298	1,545	1,791	1,994	2,274
Other Transfer Payments (1)	25	73	71	77	88	103	127
Total Personal Income	5,534	10,991	12,783	14,575	16,787	19,850	23,030

(1) From corporations; from non-residents. (residual)

OURCE: Statistics Canada, "National Income & Expenditure Accounts," Catalogue No. 13-201.

TABLE 32
AVERAGE INCOME OF ALL RETURNS FILED (1)
CANADA AND SELECTED PROVINCES
1971 - 1979

(Dollars)

	Alta.	B.C.	Sask.	Man.	Ont.	Que.	Can.
1971	5,694	6,263	4,675	5,245	6,331	5,720	5,876
1972	6,355	6,894	5,423	5,604	6,694	6,285	6,381
1973	7,140	7,798	6,602	6,284	7,297	6,927	7,066
1974	8,503	9,002	8,227	7,283	8,296	8,059	8,170
1975	9,977	10,016	9,758	8,128	9,247	9,146	9,223
1976	11,155	11,260	10,428	8,885	10,278	10,386	10,313
1977	12,085	12,080	11,139	9,523	11,087	11,193	11,114
1978	12,254	12,187	10,496	9,511	11,195	10,655	10,964
1979	13,941	13,546	11,890	10,331	12,256	11,611	12,079

NOTE: Changes in tax legislation make it difficult to compare figures within one centre across time. In particular, 1972 represents a complete break in the series, due to some rather global tax changes. However, within the same year these figures may be used to make comparisons from province to province.

(1) Allocation of income is on the basis of the taxfiler's address on 31-December.

SOURCE: Revenue Canada, Taxation, "Taxation Statistics".

TABLE 33
AVERAGE INCOME OF TAXABLE PERSONS (1)
CANADA AND SELECTED PROVINCES
1971 - 1979

(Dollars)

	Alta.	B.C.	Sask.	Man.	Ont.	Que.	Can.
1971	7,189	7,552	6,292	6,667	7,626	6,965	7,237
1972	7,792	8,136	6,911	7,198	8,242	7,436	7,784
1973	8,570	9,023	8,124	7,915	8,971	8,683	8,665
1974	10,112	10,377	10,033	9,296	10,203	10,303	10,038
1975	12,959	11,847	13,183	10,455	12,620	11,801	11,974
1976	14,323	13,290	13,987	11,475	13,438	13,314	13,319
1977	15,469	15,531	14,510	13,902	15,086	14,327	14,573
1978	17,219	16,685	15,997	15,250	16,630	15,803	15,980
1979	18,736	18,472	17,260	16,127	17,580	16,630	17,110

NOTE: Changes in tax legislation make it difficult to compare figures within one centre across time. In par ticular, 1972 represents a complete break in the series, due to some rather global tax changes. However, within the same year these figures may be used to make comparisons from centre to centre.

(1) Allocation of income is on the basis of the taxfiler's address on 31-December.

SOURCE: Revenue Canada, Taxation, "Taxation Statistics".

TABLE 34
INCOME FOR ALL RETURNS FILED BY CENSUS DIVISION (1)
ALBERTA
1971 - 1979

($ Thousands)

Census Division	1971	1973	1974	1975	1976	1977	1978	1979
1	88,335	138,332	174,894	224,014	271,598	312,556	331,130	395,459
2	197,928	287,331	376,001	466,792	546,564	577,901	656,287	767,307
3	54,262	76,938	87,996	114,014	117,381	151,019	165,253	190,635
4	23,439	37,288	49,670	56,378	63,807	58,248	69,009	82,839
5	53,370	94,212	127,579	171,740	178,230	205,602	198,216	234,588
6	1,391,853	1,882,137	2,375,007	2,907,391	3,582,918	4,004,247	4,708,859	5,815,708
7	61,775	87,524	134,679	163,303	168,670	8,502	211,350	253,233
8	171,639	254,890	317,703	411,801	488,626	545,600	680,490	809,336
9	59,049	66,446	83,563	88,943	114,576	111,655	149,688	170,555
10	104,231	147,272	209,001	266,825	299,646	339,731	398,687	493,472
11	1,571,265	2,171,763	2,772,707	3,414,493	4,061,605	4,717,600	5,315,126	6,223,839
12	65,774	122,023	158,887	245,972	307,527	371,254	434,019	517,563
13	55,987	92,191	108,403	129,172	179,821	213,086	261,251	312,228
14	47,018	58,585	82,453	107,903	118,465	133,977	148,846	169,648
15	143,313	231,228	308,002	363,670	436,846	491,670	580,970	722,485
Total Alberta	4,089,238	5,748,162	7,366,546	9,132,413	10,936,280	12,422,649	14,307,181	17,158,896

NOTE: Changes in tax legislation make it difficult to compare figures within one centre across time. In particular, 1972 represents a complete break in the series due to some rather global tax changes. However, within the same year these figures may be used to make comparisons from centre to centre.
(1) In 1978 and 1979, allocation of income was based on the taxfiler's address on 31-December. In all other years, income allocation was based on the taxfiler's address at the time of filing.
SOURCE: Revenue Canada, Taxation,"Taxation Statistics".

TABLE 35
AVERAGE INCOME FOR ALL RETURNS FILED BY CENSUS DIVISION (1)
ALBERTA
1971 - 1979

(Dollars)

Census Division	1971	1973	1974	1975	1976	1977	1978	1979
1	5,135	7,145	8,449	9,785	11,213	11,920	11,328	12,798
2	5,176	6,615	8,342	9,800	10,572	11,183	11,080	12,454
3	4,618	5,521	7,393	8,739	9,517	10,476	9,670	10,911
4	4,586	6,946	8,948	9,954	11,693	12,107	10,277	12,254
5	4,518	6,709	9,201	10,897	11,193	11,128	10,237	11,826
6	6,197	7,671	8,891	10,401	11,660	12,407	12,932	14,884
7	4,455	6,208	8,235	8,790	9,223	10,348	9,886	11,552
8	4,909	6,474	7,531	9,180	9,9[illegible]2	11,326	11,078	12,397
9	5,639	7,029	7,970	9,261	10,534	10,730	11,370	12,589
10	4,187	5,795	7,499	8,543	9,520	10,405	9,974	11,632
11	6,140	7,373	8,742	10,306	11,586	12,654	12,665	14,079
12	4,401	6,672	7,637	9,729	11,109	12,065	11,466	12,601
13	3,918	5,279	6,567	7,501	8,970	10,229	9,638	10,967
14	5,558	6,553	8,151	9,614	11,376	12,281	11,565	12,607
15	4,537	6,255	7,590	8,755	9,652	10,974	10,038	11,539
Total Alberta	5,694	7,140	8,503	9,977	11,155	12,085	12,054	13,638

NOTE: Changes in tax legislation make it difficult to compare figures within one centre across time. In particular, 1972 represents a complete break in the series due to some rather global tax changes. However, within the same year these figures may be used to make comparisons from centre to centre.
(1)In 1978 and 1979, allocation of income was based on the taxfiler's address on 31-December. In all other years, income allocation was based on the taxfiler's address at the time of filing.
SOURCE: Revenue Canada, Taxation,"Taxation Statistics".

TABLE 36
DISTRIBUTION OF ALL RETURNS BY SOURCES OF INCOME (1)
ALBERTA AND SELECTED CITIES
1971 - 1979

($ Thousands)

	Total Number of Returns	Wages and Salaries	Commissions & Other Employment Earnings	Family Allowance	U.I.C. Benefits	Old Age CPP or Other Pensions	Net Business Income	Net Professional Income	Net Commission Income
EDMONTON (2)									
1971	234,629	1,252,159	31,268	-	-	32,754	28,492	46,688	-
1972	257,089	1,446,982	38,741	-	31,063	40,460	37,983	49,193	4,903
1973	273,185	1,665,325	49,108	-	32,246	48,952	44,816	61,390	5,649
1974	292,925	2,082,774	67,420	40,020	18,255	61,723	47,510	62,058	7,455
1975	303,477	2,566,313	74,933	41,408	27,709	74,451	57,518	77,377	7,455
1976	321,972	3,035,600	95,914	43,717	31,725	88,869	65,165	89,828	9,782
1977	338,554	3,531,548	109,054	48,881	38,515	93,525	60,649	93,907	11,575
1978	379,879	3,894,366	115,154	50,032	46,900	122,419	69,937	91,132	14,392
1979	396,706	4,575,748	146,137	41,294	43,622	132,301	66,686	88,243	14,042
CALGARY									
1971	208,954	1,095,317	33,402	-	-	32,942	32,172	41,642	-
1972	218,351	1,254,023	35,528	-	28,260	35,798	33,031	48,471	4,662
1973	228,146	1,411,911	51,262	-	29,945	45,518	37,524	57,959	5,288
1974	246,377	1,735,164	53,500	31,597	19,862	56,245	47,921	65,046	7,780
1975	259,817	2,156,542	68,989	35,118	28,869	59,836	43,344	79,171	10,437
1976	285,131	2,673,114	95,366	37,635	27,658	75,799	44,503	98,895	11,961
1977	297,794	2,973,010	88,631	40,253	35,582	92,973	48,531	92,832	6,835
1978	332,693	3,448,042	116,018	46,286	49,519	110,964	33,091	109,320	13,081
1979	359,573	4,143,838	162,460	36,610	44,108	127,995	33,411	111,464	12,238
LETHBRIDGE									
1971	21,796	95,873	2,603	-	-	5,023	4,537	4,574	-
1972	21,096	98,498	3,057	-	2,595	4,954	4,224	4,986	341
1973	23,845	119,799	3,966	-	3,131	6,317	5,515	5,946	404
1974	25,100	147,443	5,526	3,218	1,882	7,984	7,258	6,834	495
1975	26,961	192,995	7,662	3,555	2,661	8,704	7,759	8,498	728
1976	29,013	224,236	11,749	3,678	2,446	13,062	8,241	7,855	656
1977	29,140	248,515	8,345	4,454	3,877	12,673	9,710	8,915	950
1978	30,637	266,525	11,767	4,525	3,913	13,528	9,753	9,413	283
1979	32,698	303,926	11,067	3,423	3,517	20,166	8,258	11,583	1,116
MEDICINE HAT									
1971	12,984	52,942	635	-	-	3,250	2,404	1,291	-
1972	14,464	62,084	789	-	1,478	3,578	3,543	1,382	258
1973	14,765	71,606	1,956	-	1,731	4,304	4,784	1,683	277
1974	16,242	92,346	2,711	2,157	1,340	4,114	6,182	2,069	169
1975	17,853	118,933	2,384	2,807	2,147	6,229	4,949	3,402	416
1976	19,542	157,267	4,577	2,850	2,081	6,249	8,736	3,776	248
1977	20,477	178,735	4,062	3,361	2,727	9,029	7,494	3,284	470
1978	22,374	183,058	5,307	3,208	3,922	10,411	7,950	4,215	329
1979	25,540	240,473	6,636	2,924	3,348	14,287	9,012	4,497	201
RED DEER									
1971	14,871	66,097	1,585	-	-	2,298	2,509	2,682	-
1972	15,816	76,861	2,126	-	1,808	2,792	2,207	3,591	87
1973	16,519	87,661	3,919	-	1,568	2,415	3,744	3,267	356
1974	17,768	106,925	3,610	2,479	1,714	3,660	4,712	3,561	287
1975	19,548	146,092	6,349	2,910	1,712	4,348	5,495	5,225	635
1976	20,235	174,223	8,932	2,938	2,492	5,886	3,897	6,812	1,008
1977	21,248	199,672	6,047	2,929	2,100	6,296	6,772	6,878	492
1978	26,214	238,173	8,457	3,859	3,407	8,793	8,882	6,588	766
1979	28,960	293,425	10,433	2,918	3,559	8,965	6,132	6,481	604
ALBERTA									
1971	718,134	3,349,158	78,855	-	-	106,876	115,431	116,627	-
1972	783,116	3,838,026	90,643	-	94,494	124,403	134,296	128,140	14,022
1973	805,057	4,425,178	121,414	-	96,903	150,919	159,700	155,191	17,651
1974	866,298	5,521,116	151,408	127,960	62,179	188,842	195,567	168,506	24,246
1975	915,384	6,952,313	185,393	142,217	91,605	218,077	223,035	206,602	27,133
1976	980,428	8,426,946	244,813	148,498	98,238	278,450	245,732	244,211	34,202
1977	1,027,928	9,660,957	260,771	163,196	121,412	312,033	260,229	250,028	30,477
1978	1,186,032	11,007,445	318,867	182,012	158,418	375,643	268,292	266,592	39,511
1979	1,261,002	13,117,519	406,060	145,248	142,871	433,005	287,397	273,072	39,643

TABLE 36 (Continued)
DISTRIBUTION OF ALL RETURNS BY SOURCES OF INCOME (1)
ALBERTA AND SELECTED CITIES
1971 - 1979

($ Thousands)

Net Farming or Fishing Income	Taxable Amount of Dividends	Bond & Bank Interest	Mortgage Interest	Income From Trusts	Annuity & Other Canadian Investment Income	Foreign Investment Income	Net Rental Income	Net Taxable Capital Gains	Miscel-laneous Income	Total Income Assessed
275	12,971	39,202	4,795	4,182	3,282	739	2,382	-	8,252	1,462,660
2,742	16,066	42,170	4,919	3,666	5,142	981	8,412	3,326	12,347	1,749,095
7,717	19,793	51,331	6,432	3,734	5,436	905	6,595	6,477	13,456	2,029,362
11,456	25,324	85,811	6,842	4,263	5,862	1,026	12,658	10,481	24,057	2,574,996
7,201	33,080	97,754	8,661	6,247	9,658	1,265	11,555	20,259	27,086	3,149,930
2,667	39,251	118,848	14,044	8,678	21,467	2,060	3,869	36,499	35,145	3,743,143
2,499	51,365	142,504	8,237	7,342	25,295	2,798	-1,344	42,747	41,955	4,311,051
2,869	120,207	191,713	10,180	8,829	14,951	2,359	-10,931	65,761	62,340	4,872,600
2,601	197,258	249,700	15,233	11,802	18,737	3,456	-21,606	88,167	81,123	5,749,342
1,776	18,124	35,570	4,298	3,910	4,043	1,950	201	-	8,514	1,313,846
2,168	20,749	38,867	4,130	4,004	5,558	2,345	7,649	6,219	10,091	1,541,553
1,981	26,764	47,432	4,850	4,408	6,056	1,992	8,982	10,020	14,705	1,766,597
8,442	35,314	80,680	5,698	6,221	8,164	2,670	8,841	8,773	21,247	2,203,164
5,371	42,206	83,341	7,297	7,599	14,060	4,111	11,576	19,046	29,936	2,706,850
2,975	47,748	107,654	10,118	6,090	17,506	2,672	11,628	39,886	35,408	3,346,681
3,919	58,435	131,124	6,850	8,256	27,050	3,241	-935	58,131	43,816	3,718,535
647	145,873	170,556	7,147	7,689	20,226	4,272	-7,554	94,976	85,224	4,455,380
8170	220,382	237,160	7,444	11,069	24,281	9,934	-16,082	216,007	119,309	5,509,798
2,437	1,530	4,863	626	408	266	57	926	-	496	124,218
2,370	1,973	6,007	515	507	445	127	1,218	266	582	132,666
4,858	2,295	6,956	657	410	498	78	1,747	585	913	164,073
6,813	2,797	11,438	542	526	487	76	2,109	784	1,839	208,049
8,500	3,661	12,163	992	485	727	176	2,128	2,314	2,362	266,070
5,974	4,676	15,408	1,192	657	1,431	58	2,378	3,490	2,541	309,729
4,386	4,581	18,255	679	693	2,048	98	1,422	4,448	3,669	337,716
4,586	14,808	21,322	522	831	2,387	150	730	5,206	3,734	373,985
7,179	18,951	28,906	921	881	2,633	314	962	7,612	5,931	437,344
2,885	756	3,922	292	76	114	25	131	-	205	68,926
5,031	1,075	3,586	448	259	285	34	643	213	400	85,187
8,213	1,466	4,706	530	258	307	20	638	393	447	103,320
10,069	1,683	7,727	500	288	419	24	1,090	834	727	134,449
11,923	3,264	9,586	668	342	851	32	1,305	2,098	1,465	172,801
11,304	2,767	11,197	938	219	2,026	95	1,188	2,940	2,449	220,906
8,347	4,212	13,213	491	794	2,436	64	1,237	3,771	1,563	245,291
5,257	8,112	17,128	491	378	2,500	166	732	4,815	2,824	260,804
9,771	11,049	20,350	670	726	2,732	50	307	7,012	3,717	337,763
1,021	1,032	2,130	213	102	443	53	247	-	385	80,798
499	1,168	3,250	366	99	288	52	5,907	128	343	96,256
2,969	1,020	3,493	428	171	342	29	755	826	852	113,088
4,340	1,104	5,678	324	326	632	60	855	581	1,138	141,985
5,315	1,897	7,014	691	449	686	36	1,422	1,864	1,742	193,885
1,247	2,549	8,836	1,368	439	1,154	63	893	3,927	1,988	228,654
2,929	3,741	9,819	676	405	2,156	72	1,325	4,453	2,687	259,447
3,400	9,538	13,288	545	1,232	2,446	118	1,088	5,336	3,148	319,065
2,244	14,965	17,082	529	569	2,832	214	635	7,791	5,904	385,283
88,747	43,773	126,970	13,912	10,780	10,982	3,408	2,270	-	21,490	4,089,238
124,915	51,018	136,308	13,997	10,910	15,775	4,080	26,370	12,497	29,693	4,849,569
251,716	63,469	168,168	17,028	11,886	17,827	3,513	27,337	22,885	37,376	5,748,162
363,543	81,679	289,050	18,481	15,511	22,160	4,919	36,320	33,615	61,432	7,366,546
368,479	104,199	328,751	24,922	20,875	36,097	6,719	39,477	73,813	82,706	9,132,413
277,485	122,425	403,882	35,410	22,127	63,534	5,960	36,740	142,450	102,131	10,936,280
257,216	155,540	484,835	25,002	31,120	84,251	7,866	15,812	177,763	124,142	12,422,649
264,535	394,873	626,815	28,443	27,344	69,403	8,561	-2,945	270,477	209,101	14,513,389
361,826	623,785	831,494	36,898	36,193	85,568	15,843	-23,230	474,468	278,153	17,565,812

(1) Allocation of income is based on the taxfiler's address at the time of filing.
(2) Edmonton (Metro) includes Fort Saskatchewan, St Albert, Edmonton, Morinville, Gibbons, Bon Accord, Legal, Strathcona County No. 20 and Sturgeon M.D. 90.

NOTE: Changes in tax legislation make it difficult to compare figures within one centre across time. In particular, 1972 represents a complete break in the series, due to some rather global tax changes. However, within the same year these figures may be used to make comparisons from centre to centre.
SOURCE: Revenue Canada, Taxation, "Taxation Statistics".

TABLE 37
TAXATION STATISTICS (1)
ALBERTA CENSUS DIVISIONS AND SELECTED MUNICIPALITIES
1979

	Taxable Returns			All Returns		
	Taxpayers No.	Total Income ($000)	Average Income ($)	No. of Returns No.	Total Income ($000)	Averag Incon ($
Census Division No. 1	20,619	365,022	17,703	30,900	395,459	12,79
Medicine Hat	16,462	287,412	17,459	24,329	312,034	12,82
Redcliff Suffield	1,477	24,844	16,820	2,169	26,574	12,25
Census Division No. 2	40,806	701,483	17,191	61,613	767,307	12,45
Lethbridge	23,454	403,593	17,208	33,915	437,614	12,90
Brooks	4,276	76,416	17,871	6,171	82,382	13,34
Coaldale	1,989	33,210	16,697	3,217	36,802	11,44
Taber	2,842	48,133	16,936	4,457	52,762	11,83
Census Division No. 3	10,030	167,289	16,679	17,472	190,635	10,91
Cardston	1,404	22,907	16,315	2,793	26,958	9,65
Claresholm	1,886	29,184	15,474	2,940	32,900	11,19
Ft. Macleod	1,526	25,419	16,657	2,561	28,589	11,16
Census Division No. 4	4,111	74,142	18,035	6,760	82,839	12,25
Census Division No. 5	11,942	209,803	17,568	19,837	234,588	11,82
Drumheller	2,964	49,463	16,688	4,489	54,373	12,11
Census Division No. 6	286,102	5,460,736	19,087	390,738	5,815,708	14,88
Calgary	264,394	5,057,766	19,130	357,754	5,377,240	15,03
Airdrie	2,993	53,262	17,795	4,164	55,929	13,43
Cochrane	2,161	41,234	19,081	3,072	44,105	14,35
Didsbury	1,569	27,380	17,450	2,519	30,072	11,93
High River	2,411	42,995	17,833	3,573	47,096	13,18
Okotoks	2,000	37,965	18,982	2,884	41,064	14,23
Olds	2,708	48,715	17,989	4,266	54,384	12,74
Census Division No. 7	13,167	225,313	17,112	21,922	253,233	11,55
Stettler	2,638	47,236	17,906	4,122	52,691	12,78
Wainwright	2,104	35,125	16,694	3,251	38,615	11,87
Census Division No. 8	42,676	737,252	17,276	65,283	809,336	12,39
Red Deer	19,488	339,343	17,413	27,086	364,125	13,44
Innisfail	2,918	51,399	17,614	4,640	56,829	12,24
Lacombe	3,757	69,537	18,508	5,992	78,272	13,06
Ponoka	3,215	51,573	16,041	4,817	57,475	11,93
Rocky Mountain House	3,372	60,006	17,795	5,413	66,268	12,24
Sylvan Lake	1,712	27,938	16,319	2,522	30,502	12,09
Census Division No. 9	9,535	157,697	16,539	13,548	170,555	12,58
Banff	3,025	45,544	15,056	4,010	49,554	12,35
Canmore	1,425	23,468	16,469	2,048	25,559	12,48
Crowsnest	2,755	50,464	18,317	4,098	54,096	13,20
Jasper	1,820	28,852	15,852	2,426	31,193	12,85

TABLE 37 (Continued)
TAXATION STATISTICS (1)
ALBERTA CENSUS DIVISIONS AND SELECTED MUNICIPALITIES
1979

	Taxable Returns			All Returns		
	Taxpayers No.	Total Income ($000)	Average Income ($)	No. of Returns No.	Total Income ($000)	Average Income ($)
Census Division No. 10	25,797	439,419	17,034	42,423	493,472	11,632
Camrose	5,366	90,924	16,944	8,113	100,656	12,406
Lloydminster	4,577	88,635	19,365	6,565	95,777	14,589
Vegreville	2,383	39,788	16,696	3,819	44,153	11,561
Vermilion	2,210	36,412	16,476	3,707	41,969	11,321
Census Division No. 11	321,884	5,846,653	18,164	442,076	6,223,839	14,079
Edmonton (Metro)*	292,175	5,300,536	18,142	397,159	5,636,730	14,193
St. Albert	13,396	271,263	20,249	17,862	285,346	15,975
Wetaskiwin	4,230	72,942	17,244	6,628	80,998	12,220
Devon	1,570	30,353	19,333	2,210	31,925	14,445
Drayton Valley	3,255	61,610	18,928	4,787	66,106	13,809
Fort Saskatchewan	5,624	109,022	19,385	7,638	114,451	14,984
Leduc	5,605	107,357	19,153	7,910	113,699	14,374
Morinville	2,231	39,060	17,508	3,294	41,669	12,650
Spruce Grove	5,536	106,816	19,294	7,835	112,368	14,341
Stony Plain	3,396	62,619	18,439	4,848	66,752	13,769
Census Division No. 12	26,159	480,838	18,381	41,074	517,563	12,601
Fort McMurray	12,055	258,239	21,421	15,564	267,153	17,164
Bonnyville	2,020	34,653	17,155	3,581	38,248	10,680
Grand Centre	1,320	20,926	15,853	2,078	22,799	10,971
St Paul	2,448	39,252	16,034	4,134	43,791	10,592
Census Division No. 13	16,769	277,057	16,521	28,470	312,228	10,967
Barrhead	2,383	38,968	16,352	4,042	44,074	10,904
Westlock	2,262	38,125	16,854	3,642	42,784	11,747
Whitecourt	2,535	44,368	17,502	3,522	47,074	13,365
Census Division No. 14	8,727	157,359	18,031	13,457	169,648	12,607
Edson	3,751	68,630	18,296	5,765	74,196	12,870
Hinton	3,532	65,977	18,679	5,086	69,843	13,732
Census Division No. 15	38,094	653,740	17,161	62,611	722,485	11,539
Grande Prairie	11,440	210,662	18,414	16,003	225,194	14,072
Fairview	1,418	23,020	16,234	2,362	25,780	10,914
Grande Cache	1,369	26,809	19,583	1,958	27,936	14,267
Peace River	3,164	55,276	17,470	4,621	59,842	12,950
Slave Lake	1,658	28,682	17,299	2,487	30,782	12,377
Total Alberta	876,418	15,953,800	18,203	1,258,184	17,158,896	13,638

*Edmonton(Metro) includes Fort Saskatchewan, Edmonton, St. Albert, Morinville, Gibbons, Bon Accord, Legal, Strathcona County No. 20 and Sturgeon M.D. 90

(1) Allocation of income is on the basis of the taxfiler's address on 31-December.

SOURCE: Revenue Canada, Taxation, "Taxation Statistics".

TABLE 38
AVERAGE INCOME OF TAXABLE PERSONS, BY OCCUPATIONAL CLASSES (1)
ALBERTA
1971 - 1979

(Dollars)

	1971	1973	1974	1975	1976	1977	1978	1979
Employees of Business	7,154	8,437	9,877	12,484	14,047	15,057	16,567	17,847
Employees of Institutions	5,444	6,283	7,062	10,112	10,913	12,283	13,784	14,245
Teachers and Professors	9,742	11,320	12,341	15,524	16,977	18,163	21,747	22,559
Federal Employees	7,865	9,084	10,423	12,258	13,877	15,638	17,619	19,063
Provincial Employees	7,128	8,204	9,085	12,421	13,787	15,596	16,053	18,048
Municipal Employees	7,230	8,843	9,946	12,708	13,403	15,169	16,293	17,926
Armed Forces	-	10,217	11,510	13,483	14,200	15,312	16,685	17,022
Unclassified	4,615	5,646	6,345	9,628	10,127	12,087	13,169	13,684
Total Employees	7,166	8,425	9,719	12,373	13,831	15,004	16,511	17,746
Farmers	6,290	9,649	13,431	17,494	16,843	17,234	18,807	21,608
Fishermen	6,667	7,453	N/A	N/A	7,313	N/A	10,650	16,610
Total Farmers and Fishermen	6,291	9,645	N/A	N/A	16,832	N/A	18,800	21,572
Accountants	15,449	22,688	26,770	32,915	29,364	31,368	32,260	39,070
Medical Doctors and Surgeons	40,254	39,884	42,963	48,251	50,066	48,088	50,557	58,091
Dentists	28,058	32,735	42,635	44,463	44,485	42,474	44,929	54,866
Lawyers and Notaries	26,004	37,738	44,004	45,342	52,714	45,438	51,567	50,286
Engineers and Architects	18,395	29,907	26,547	35,748	45,911	32,578	39,494	42,032
Entertainers and Artists	4,501	6,054	6,112	10,596	9,933	9,163	10,962	11,392
Other Professionals	12,215	11,904	14,595	17,803	19,384	19,207	21,579	21,642
Total Professionals	24,403	26,010	29,047	33,247	36,417	31,789	33,710	34,227
Salesmen	7,874	9,610	11,845	14,866	15,559	18,429	19,081	21,215
Forestry Operators	5,000	11,619	18,769	12,295	24,180	17,000	33,444	19,762
Manufacturers	8,197	10,418	9,534	16,259	13,958	13,760	14,858	17,372
Construction	7,214	8,746	10,371	13,666	14,325	15,319	16,305	16,433
Public Utilities	6,363	7,608	9,663	11,667	12,940	14,443	15,371	16,866
Wholesale Traders	8,655	10,458	20,000	15,764	15,657	17,320	27,799	24,049
Retail Traders	7,569	9,547	11,962	14,286	14,632	16,936	18,328	18,617
Insurance Agency Operators	10,510	11,198	14,288	25,151	47,292	21,302	22,857	28,029
Real Estate Agency Operators	11,643	19,700	25,360	20,736	29,448	39,377	41,129	38,361
Other Finance	19,405	28,557	30,878	28,959	45,517	44,750	61,229	63,533
Recreational Services Operators	4,955	8,329	10,102	16,754	18,163	20,099	24,651	23,988
Business Services Operators	6,843	7,520	11,824	15,158	13,889	13,862	12,964	16,683
Other Service Operators	6,614	7,710	10,418	13,997	13,830	16,172	16,653	18,581
Other Business Proprietors	8,172	10,928	12,516	17,467	18,855	21,264	39,791	48,098
Total Business Proprietors	7,246	8,770	11,039	10,980	14,693	16,392	18,476	19,581
Investors	6,540	8,937	12,102	16,994	19,958	22,196	29,468	34,113
Property Owners	6,753	8,851	11,350	16,165	16,649	19,700	22,140	23,974
Total Investment	6,580	8,920	11,947	16,836	19,334	21,758	28,336	32,818
Pensioners	4,250	5,813	6,476	11,215	12,006	12,668	14,002	14,512
Unclassified	5,167	4,150	5,764	8,343	9,709	10,674	11,934	15,417
TOTAL	7,189	8,570	10,112	12,959	14,323	15,469	17,214	**18,739**

Note A Provincial Legislative Act passed in 1976 allowed for the introduction of professional corporations. This accounts for the drop in 1977 income shown for many of the professional occupation categories.

(1) Allocation of income is on the basis of the taxfiler's address at the time of filing.

SOURCE: Revenue Canada, Taxation, "Taxation Statistics".

TABLE 39
AVERAGE WEEKLY EARNINGS IN LARGER FIRMS (1)
CANADA, ALBERTA AND SELECTED CITIES
1971 - 1981

(Dollars)

	1971	1976	1977	1978	1979	1980r	1981p
CANADA							
Mining, including Milling	177.00	317.13	348.12	376.40	419.39	468.60	534.26
Manufacturing	143.99	241.19	266.04	285.67	311.19	342.19	383.84
Construction	188.26	331.02	369.88	389.64	422.28	461.51	521.29
Transportation, Communication & Other Utilities	154.14	262.02	291.15	313.28	341.51	381.17	427.96
Trade	108.45	176.59	190.96	201.79	218.75	238.53	262.58
Finance, Insurance & Real Estate	129.59	213.71	229.57	248.43	272.10	304.37	353.72
Service	98.57	160.49	171.28	180.00	193.30	211.17	234.90
Industrial Composite	137.64	228.03	249.95	265.37	288.25	317.38	355.38
ALBERTA							
Mining, including Milling	198.78	354.41	386.93	421.22	465.25	523.89	596.11
Manufacturing	147.31	252.57	279.61	301.87	334.30	373.99	428.97
Construction	185.36	357.19	406.93	396.72	433.86	466.21	544.49
Transportation, Communication & Other Utilities	153.25	261.54	291.05	313.92	343.77	384.24	432.99
Trade	110.89	179.97	196.11	206.08	228.74	252.09	283.98
Finance, Insurance & Real Estate	120.42	207.38	222.84	245.96	270.20	304.88	368.64
Service	92.00	148.39	160.96	174.35	190.74	209.78	236.89
Industrial Composite	138.78	236.89	261.96	276.32	306.81	341.93	390.63
CALGARY							
Mining, including Milling	210.47	361.02	388.35	410.08	460.27	523.48	594.20
Manufacturing	153.68	256.39	282.64	304.48	334.13	374.30	427.61
Construction	177.90	322.26	359.75	372.68	409.03	446.92	518.12
Transportation, Communication & Other Utilities	154.24	248.87	275.71	300.06	332.00	374.22	434.81
Trade	117.14	184.12	193.40	200.53	224.95	252.09	285.42
Finance, Insurance & Real Estate	119.34	209.64	229.52	254.35	279.05	316.30	372.00
Service	92.45	154.14	166.79	182.72	197.59	221.87	256.11
Industrial Composite	137.36	228.96	249.40	266.45	296.62	337.37	392.09
EDMONTON							
Manufacturing	146.36	250.53	273.97	298.99	330.66	369.86	418.36
Construction	175.07	320.08	353.75	372.71	442.56	484.52	552.58
Transportation, Communication & Other Utilities	156.56	267.44	296.30	319.38	347.68	385.38	436.35
Trade	108.90	179.77	199.19	211.55	231.77	250.23	283.47
Finance, Insurance & Real Estate	124.09	199.95	214.31	237.18	261.62	294.68	347.42
Service	87.81	145.91	160.24	172.34	189.90	207.86	233.06
Industrial Composite	130.42	219.03	241.09	257.65	291.12	320.54	363.31
LETHBRIDGE							
Industrial Composite	110.58	194.11	210.12	224.61	248.75	262.36	298.67
MEDICINE HAT							
Industrial Composite	118.86	233.61	248.08	253.68	280.28	298.55	341.42
RED DEER							
Industrial Composite	116.59	192.41	211.55	218.42	233.18	260.76	286.53

(1)Generally companies having 20 or more employees in any month of the year.

SOURCE: Statistics Canada, "Employment Earnings and Hours," Catalogue No. 72-002.

ECONOMIC INDICATORS

- The annual rate of increase of Alberta's **census value added** in goods producing industries has decelerated since 1978. In 1981, census value added rose only 14.9 percent to $31.3 billion. This compares to the 22.6 percent increase recorded in 1980.

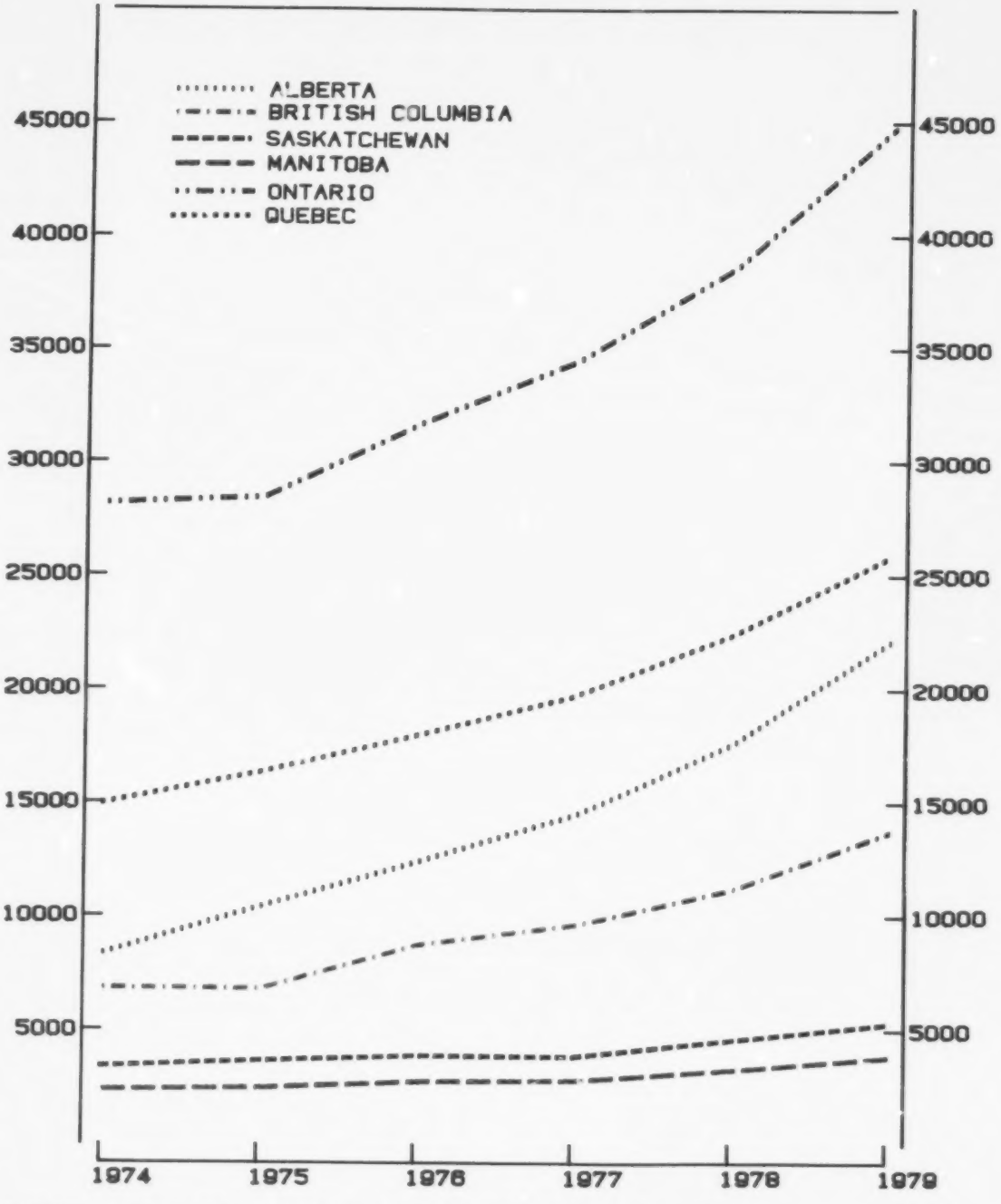
- Alberta's **Gross Domestic Product** in current dollars grew 13.1 percent in 1981 to reach $47.2 billion. In constant 1971 dollars, this represents a real growth of 3.1 percent. Alberta's Gross Domestic Product per capita reached $21,075, compared to the national figure of $14,081.

- Edmonton and Calgary **Consumer Price Indices** (1971 = 100) continued to rise in 1981, increasing 12.5 percent and 13.3 percent, respectively. The major contributors to the increases in both cities were higher housing and transportation costs, offset by lower clothing prices.

- The **value of cheques cashed** in Alberta clearing centres during 1981 was $556 billion, an increase of $36.1 percent over 1980.

GRAPH 7

CENSUS VALUE ADDED IN GOODS-PRODUCING INDUSTRIES
SELECTED PROVINCES, 1974 - 1979
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 61-202

TABLE 40
CENSUS VALUE ADDED IN GOODS-PRODUCING INDUSTRIES
CANADA AND SELECTED PROVINCES
1971 - 1979

($ Millions)

	1971r	1973r	1974r	1975r	1976r	1977r	1978r	1979r
Alberta	3,731.6	5,864.9	8,384.7	10,463.2	12,446.2	14,547.2	17,712.1	22,236.5
% Contribution to Canada	9.4	10.7	12.3	14.4	15.1	16.1	17.1	18.1
British Columbia	3,956.4	6,170.5	6,800.3	6,776.0	8,697.4	9,585.4	11,195.1	13,722.6
% Contribution to Canada	9.9	11.2	10.0	9.3	10.6	10.6	10.8	11.1
Saskatchewan	1,617.6	2,358.6	3,393.0	3,664.0	3,886.6	3,828.5	4,588.6	5,281.7
% Contribution to Canada	4.1	4.3	5.0	5.1	4.7	4.2	4.4	4.3
Manitoba	1,323.3	2,052.3	2,348.6	2,454.0	2,727.7	2,779.9	3,273.3	3,821.6
% Contribution to Canada	3.3	3.7	3.4	3.4	3.3	3.1	3.2	3.1
Ontario	17,338.5	23,248.0	28,217.0	28,501.7	31,756.2	34,560.2	38,734.8	44,918.1
% Contribution to Canada	43.6	42.3	41.4	39.3	38.6	38.3	37.3	36.5
Quebec	9,483.5	12,004.9	14,949.8	16,297.7	17,923.2	19,674.0	22,348.4	25,806.5
% Contribution to Canada	23.8	21.8	21.9	22.5	21.8	21.8	21.5	21.0
Canada	39,808.4	54,957.2	68,220.6	72,493.3	82,248.9	90,249.4	103,862.3	123,151.0
% Contribution to Canada	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

r - revised

SOURCE: Statistics Canada, "Provincial Gross Domestic Product by Industry" formerly "Survey of Production," Catalogue No 61-202

TABLE 41
CENSUS VALUE ADDED IN GOODS-PRODUCING INDUSTRIES
ALBERTA
1971 - 1981

($ Millions)

	1971r	1976r	1977r	1978r	1979r	1980p	1981p
Mines (1) (including Milling), quarries and oil wells	1,486.4	6,336.7	7,842.0	9,115.3	11,474.0	14,495.0	15,571.0
% Contribution to Total	39.8	50.9	53.9	51.4	51.6	53.2	49.7
Agriculture (2)	441.2	1,082.8	950.0	1,362.7	1,738.0	1,962.4	2,614.8
% Contribution to Total	11.8	8.7	6.5	7.7	7.8	7.2	8.3
Construction	895.4	2,936.9	3,397.2	4,279.4	5,510.8	6,650.6	8,156.8
% Contribution to Total	24.0	23.6	23.4	24.2	24.8	24.4	26.0
Manufacturing	785.3	1,804.3	2,024.1	2,544.2	3,016.2	3,557.8	4,346.5
% Contribution to Total	21.0	14.5	13.9	14.4	13.6	13.1	13.9
Electric Power	110.3	250.0	299.8	369.0	447.3	503.8	538.2
% Contribution to Total	3.0	2.0	2.1	2.1	2.0	1.8	1.7
Other(3)	13.0	35.5	34.1	41.5	50.2	81.8	94.0
% Contribution to Total	0.3	0.3	0.2	0.2	0.2	0.3	0.3
Total Alberta	3,731.6	12,446.2	14,547.2	17,712.1	22,236.5	27,251.4	31,321.0
% Contribution to Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

r - revised p - preliminary

(1) Includes Gas and Oil. Data relating to the production of "synthetic" crude oil have been included as of 1973.

(2) Data for Agriculture have been prepared on a value added basis commencing with 1971.

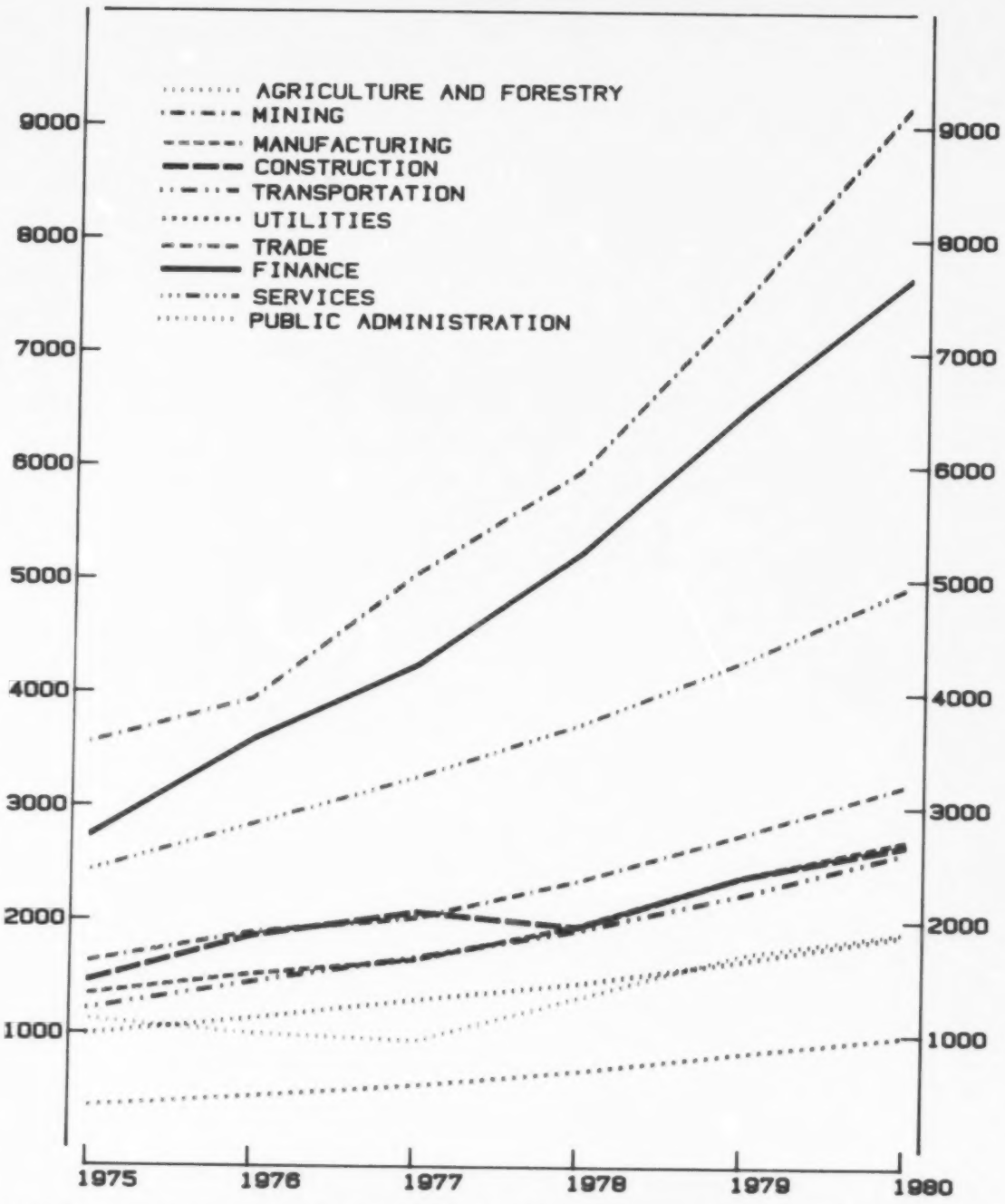
(3) Comprises Logging, Fisheries and Trapping.

(4) Source: For the years 1971 to 1979, Statistics Canada, "Provincial Gross Domestic Product by Industry" formerly "Survey of Production," Catalogue No. 61-202.

(5) Source: For the years 1980 and 1981, Alberta Bureau of Statistics preliminary estimates based on available 1978 and 1979 statistics.

GRAPH 8

GROSS DOMESTIC PRODUCT BY INDUSTRY (AT FACTOR COST)
ALBERTA, 1975 - 1980
($MILLIONS)



SOURCE: ALBERTA BUREAU OF STATISTICS, ALBERTA ECONOMIC ACCOUNTS, 1980

TABLE 42
COMPARISON OF GROSS DOMESTIC PRODUCT (1)
ALBERTA AND CANADA
1971 - 1981

(Current Dollars)

	Gross Domestic Product		Per Cent Change In G.D.P.		Alberta G.D.P. As Per Cent of Canada	Per Capita G.D.P.	
	Alberta	Canada	Alberta	Canada		Alberta	Canada
	($ Millions)					(Dollars)	
1971	7,822	96,034	12.6	10.3	8.1	4,805	4,452
1972	8,849	106,785	13.1	11.2	8.3	5,340	4,898
1973	11,052	125,384	24.9	17.4	8.8	6,540	5,688
1974	15,333	149,883	38.7	19.5	10.2	8,904	6,702
1975	18,599	168,010	21.3	12.1	11.1	10,461	7,402
1976	21,661	194,370	16.5	15.7	11.1	11,785	8,453
1977	24,364	213,420	12.5	9.8	11.4	12,749	9,165
1978	27,947	236,439	14.7	10.8	11.8	14,108	10,047
1979	34,378	268,904	23.0	13.7	12.8	16,729	11,313
1980	41,693	299,827	21.3	11.5	13.9	19,465	12,463
1981p	47,166	342,762	13.1	14.3	13.8	21,075	14,081

(1) Preliminary - Subject to Revision

SOURCE: Alberta Bureau of Statistics, "Alberta Economic Accounts, 1981".

TABLE 43
GROSS DOMESTIC PRODUCT BY INDUSTRY AT FACTOR COST (1)
ALBERTA
1971 - 1980

($ Millions)

	1971	1973	1974	1975	1976	1977	1978	1979	1980
Agriculture (2)	459	891	1,147	1,108	972	904	1,285	1,658	1,846
Forestry	14	20	28	25	35	39	37	44	48
Mining	1,183	1,980	2,757	3,539	3,925	5,019	5,923	7,445	9,125
Manufacturing	661	885	1,114	1,363	1,541	1,667	1,970	2,404	2,726
Construction	617	861	1,052	1,464	1,859	2,069	1,942	2,389	2,668
Transportation (3)	667	856	1,015	1,195	1,428	1,642	1,881	2,197	2,564
Utilities	172	233	268	374	459	552	677	836	982
Trade (4)	785	1,059	1,329	1,650	1,910	2,036	2,367	2,780	3,214
Finance (5)	974	1,404	2,083	2,745	3,594	4,245	5,234	6,509	7,655
Services (6)	1,334	1,661	1,975	2,446	2,851	3,259	3,720	4,282	4,926
Public Administration	485	624	775	973	1,112	1,271	1,416	1,616	1,843
Gross Domestic Product At Factor Cost	7,351	10,474	13,543	16,882	19,686	22,703	26,452	32,160	37,597

NOTE: GDP at market price is obtained by adding indirect taxes less subsidies, plus residual.
(1981 data not available at time of printing).
(1) Preliminary - Subject to Revision.
(2) Includes Fishing and Trapping.
(3) Includes Storage and Communication.
(4) Includes Retail and Wholesale Trade.
(5) Includes Insurance, Real Estate and Natural Resources Royalties.
(6) Includes Community, Business and Personal Services.

SOURCE: Alberta Bureau of Statistics, "Alberta Economic Accounts, 1980".

TABLE 44
GROSS DOMESTIC PRODUCT IN CONSTANT (1971) DOLLARS (1)
ALBERTA
1971 - 1981

(Millions of Dollars)

	1971	1974	1975	1976	1977	1978	1979	1980	1981
Sales to Persons	4,262	5,188	5,712	6,283	6,654	7,070	7,574	8,003	8,338
Sales to Government	1,357	1,651	1,766	1,905	1,949	2,008	2,257	2,394	2,603
Gross Fixed Capital Formation	2,198	2,982	3,398	4,224	4,380	4,845	5,574	6,151	6,684
Residential Construction	491	550	547	801	809	999	953	813	848
Non-Residential Construction	1,125	1,354	1,694	1,792	2,083	2,244	2,777	3,542	3,812
Machinery and Equipment	582	1,078	1,157	1,631	1,488	1,602	1,844	1,796	2,024
Value of Physical Change In Inventories	16	176	42	123	-13	48	126	13	-117
Non-Farm	31	158	15	75	68	2	112	-11	-38
Farm and Grain in Commercial Channels	-15	18	27	48	-81	46	14	24	-79
Exports	2,715	3,543	3,434	3,369	3,430	3,568	3,904	3,955	3,976
Imports	-2,846	-4,043	-4,023	-4,907	-5,038	-5,512	-6,072	-5,713	-5,980
Residual	120	201	85	-126	5	35	-167	-627	-883
Gross Domestic Product In Constant (1971) Dollars	7,822	9,698	10,414	10,871	11,367	12,062	13,196	14,176	14,621

(1) Preliminary - Subject to Revision

SOURCE: Alberta Bureau of Statistics, "Alberta Economic Accounts, 1981"

TABLE 45
IMPLICIT PRICE INDEXES - GROSS DOMESTIC PRODUCT (1)
ALBERTA
1971 - 1981

(1971 = 100)

	1971	1974	1975	1976	1977	1978	1979	1980	1981
Sales to Persons	100.0	122.5	136.8	148.8	160.9	175.9	192.6	211.6	236.8
Sales to Government	100.0	125.6	145.0	160.3	175.4	188.7	203.3	219.0	253.8
Gross Fixed Capital Formation	100.0	132.8	153.4	171.1	185.3	203.4	224.0	241.8	266.8
Residential Construction	100.0	133.3	172.2	222.1	240.2	266.4	310.8	348.2	367.1
Non-Residential Construction	100.0	142.5	158.7	169.3	181.1	193.7	214.1	231.7	258.2
Machinery and Equipment	100.0	120.2	136.8	148.2	161.5	177.8	194.0	213.5	240.8
Exports	100.0	222.0	261.7	287.2	318.3	353.6	425.0	538.1	585.1
Imports	100.0	135.3	154.3	155.8	174.6	198.1	226.8	261.5	289.6
Gross Domestic Product	100.0	158.1	178.6	199.3	214.3	231.7	260.5	294.1	322.6

(1) Preliminary - Subject to Revision

SOURCE: Alberta Bureau of Statistics, "Alberta Economic Accounts, 1981"

TABLE 46
CONSOLIDATED INCOME AND OUTLAY ACCOUNTS (1)
ALBERTA
1971 - 1981

(Millions of Dollars)

INCOME ACCOUNT	1971	1974	1975	1976	1977	1978	1979	1980	1981
Wages, Salaries and Supplementary Labour Income	3,694	5,858	7,366	8,867	10,231	11,350	13,502	15,894	19,134
Military Pay and Allowances	84	114	135	146	147	135	137	146	163
Net Income of Non-Farm Unincorporated Business	465	566	654	769	845	922	1,028	1,117	1,233
Net Income of Farm Operators From Farm Production (2)	253	811	710	504	358	679	870	967	980
Corporation Profits	1,203	3,115	4,052	4,260	5,145	6,116	7,774	8,785	7,918
Interest and Miscellaneous Investment Income	579	1,591	2,116	2,898	3,456	4,489	5,517	6,933	7,662
Inventory Valuation Adjustment	-45	-245	-178	-130	-229	-298	-448	-459	-465
Indirect Taxes	668	2,320	2,104	1,970	1,926	1,882	2,226	2,452	2,809
Subsidies	-78	-212	-236	-244	-273	-375	-475	-584	-643
Capital Consumption Allowances	1,118	1,733	2,028	2,371	2,768	3,129	3,811	4,598	5,527
Business	983	1,523	1,781	2,095	2,458	2,771	3,398	4,105	4,951
Government	135	210	247	276	310	358	413	493	576
Residual (4)	-119	-318	-152	250	-10	-82	436	1,844	2,848
Gross Domestic Product at Market Prices	7,822	15,333	18,599	21,661	24,364	27,947	34,378	41,693	47,166
OUTLAY ACCOUNT									
Sales to Persons	4,262	6,354	7,816	9,349	10,708	12,436	14,584	16,934	19,783
Sales to Government	1,357	2,074	2,560	3,053	3,418	3,790	4,588	5,244	6,606
Gross Fixed Capital Formation	2,198	3,959	5,214	7,229	8,118	9,857	12,485	14,874	17,830
Government	271	489	684	697	828	913	1,078	1,398	1,833
Residential Construction	3	3	2	3	3	5	5	6	7
Non-Residential Construction	238	434	605	609	728	819	918	1,193	1,581
Machinery and Equipment	30	52	77	85	97	89	155	199	245
Business	1,927	3,470	4,530	6,532	7,290	8,944	11,407	13,476	15,997
Residential Construction	488	730	940	1,776	1,940	2,656	2,957	2,825	3,106
Non-Residential Construction	887	1,496	2,084	2,424	3,044	3,528	5,027	7,015	8,262
Machinery and Equipment	552	1,244	1,506	2,332	2,306	2,760	3,423	3,636	4,629
Value of Physical Change in Inventories	16	236	78	252	-10	85	337	144	-152
Non-Farm	31	265	66	158	125	-23	263	-21	60
Farm	27	-36	-13	108	-91	104	93	119	-180
Grain in Commercial Channels	-42	7	25	-15	-44	4	-19	46	-32
Exports (3)	2,715	7,864	8,987	9,675	10,917	12,617	16,593	21,282	23,265
Imports	-2,846	-5,472	-6,208	-7,647	-8,798	-10,920	-13,773	-14,941	-17,319
Residual (4)	120	318	152	-250	11	82	-436	-1,844	-2,847
Gross Domestic Product at Market Prices	7,822	15,333	18,599	21,661	24,364	27,947	34,378	41,693	47,166

(1) Preliminary - Subject to Revision
(2) Includes adjustment on grain transactions.
(3) Includes oil export charges.
(4) The residual reflects net Alberta receipts in business services and freight and shipping transactions with the rest of Canada, as well as flaws in estimation procedures and discrepancies in timing.

SOURCE: Alberta Bureau of Statistics, "Alberta Economic Accounts, 1981."

TABLE 47
ALL CHEQUES CASHED IN CLEARING CENTRES
CANADA AND SELECTED PROVINCES
1971 - 1981

($ Millions)

	1971	1976	1977	1978	1979	1980r	1981
Alberta	53,490	178,013	205,942	248,111	323,636	408,424	555,938
British Columbia	64,994	194,272	207,853	233,387	286,902	382,836	519,386
Saskatchewan	16,658	34,764	38,124	40,918	47,097	57,438	69,223
Manitoba	43,166	105,140	107,020	110,516	124,467	160,598	197,791
Ontario	478,184	1,248,446	1,388,568	1,731,967	2,400,376	3,389,470	4,222,341
Quebec	238,417	651,094	709,854	705,206	752,411	880,055	1,002,751
Canada(1)	919,462	2,469,600	2,718,309	3,138,385	4,018,230	5,375,338	6,681,823

(1) Based on 50 clearing centres

SOURCE: Statistics Canada, "Cheques Cashed," Catalogue No. 61-001.

TABLE 48
CHEQUES CASHED BY TYPE OF ACCOUNT IN CLEARING CENTRES
ALBERTA
1971 - 1981

($ Millions)

	1971	1976	1977	1978	1979	1980	1981
CURRENT							
Edmonton	20,377	66,387	80,489	98,045	125,003	152,654	195,528
Calgary	27,988	96,939	108,126	129,519	171,729	221,365	315,340
Lethbridge	1,201	2,607	2,866	2,951	3,576	4,216	5,175
Medicine Hat	455	1,107	1,176	1,461	2,591	3,395	3,520
Total 4 Centres	50,022	167,040	192,656	231,976	302,898	381,630	519,563
SAVINGS							
Edmonton	794	1,871	2,316	2,958	3,507	5,234	7,972
Calgary	1,031	2,116	2,597	2,879	4,530	6,747	9,889
Lethbridge	73	177	191	267	351	453	727
Medicine Hat	41	116	113	143	193	260	417
Total 4 Centres	1,939	4,280	5,218	6,247	8,582	12,694	19,005
PERSONAL CHEQUING							
Edmonton	735	2,808	3,406	4,249	4,883	5,357	6,353
Calgary	674	3,325	4,070	4,939	6,374	7,752	9,918
Lethbridge	78	370	395	473	607	651	717
Medicine Hat	455	190	196	227	293	340	383
Total 4 Centres	1,528	6,693	8,068	9,888	12,156	14,100	17,370

SOURCE: Statistics Canada, "Cheques Cashed," Catalogue No. 61-001.

TABLE 49
PRIVATE AND PUBLIC INVESTMENT
CANADA AND SELECTED PROVINCES
1971 - 1982

($ Millions)

	1971	1977	1978	1979	1980r	1981p	1982(1)
Alberta							
Capital	2,139.0	7,825.8	9,431.3	11,919.9	14,210.0	17,162.3	20,547.5
Repair	579.0	1,467.7	1,719.0	2,263.2	2,793.5	3,373.5	3,797.2
Total Expenditures	2,718.0	9,293.5	11,150.3	14,183.1	17,003.5	20,535.8	24,344.7
British Columbia							
Capital	2,898.8	5,593.3	6,200.9	7,450.6	9,519.2	11,729.1	12,225.3
Repair	813.7	1,829.4	2,057.5	2,219.5	2,663.2	2,847.7	3,341.3
Total Expenditures	3,712.5	7,422.7	8,258.4	9,670.1	12,182.4	14,576.8	15,566.6
Saskatchewan							
Capital	664.0	2,269.3	2,392.6	3,103.6	3,324.5	4,143.6	4,289.9
Repair	299.0	575.3	678.2	795.7	986.4	1,117.3	1,256.4
Total Expenditures	963.0	2,844.6	3,070.8	3,899.3	4,310.9	5,260.9	5,546.3
Manitoba							
Capital	812.0	1,897.3	2,018.0	2,040.9	2,024.1	2,282.1	2,307.0
Repair	263.0	558.6	573.5	678.8	822.0	923.9	1,039.0
Total Expenditures	1,075.0	2,455.9	2,591.5	2,719.7	2,846.1	3,206.0	3,346.0
Ontario							
Capital	7,460.0	14,732.2	15,561.4	17,093.3	19,106.1	22,787.7	25,395.7
Repair	2,318.0	4,677.7	5,164.3	5,924.8	6,541.1	7,185.5	8,138.8
Total Expenditures	9,778.0	19,409.9	20,725.7	23,018.1	25,647.2	29,973.2	33,534.5
Quebec							
Capital	4,150.0	10,702.3	10,793.9	11,854.2	12,818.9	14,044.8	14,777.1
Repair	1,303.0	2,973.3	3,311.6	3,671.0	4,280.9	4,661.3	5,134.2
Total Expenditures	5,453.0	13,675.6	14,105.5	15,525.2	17,099.8	18,706.1	19,911.3
Canada							
Capital	20,184.0	46,597.5	50,359.6	58,354.4	66,193.2	78,512.4	87,172.0
Repair	6,060.0	13,169.8	14,695.8	16,973.7	19,718.1	21,943.7	24,758.2
Total Expenditures	26,244.0	59,767.3	65,055.4	75,328.1	85,911.3	100,456.1	111,930.2

r - revised p - preliminary (1) original intentions

SOURCE: Statistics Canada, "Private and Public Investment in Canada," Catalogue No. 61-205.

TABLE 50
PER CAPITA PRIVATE AND PUBLIC INVESTMENT
CANADA AND SELECTED PROVINCES
1971 - 1981

(Dollars)

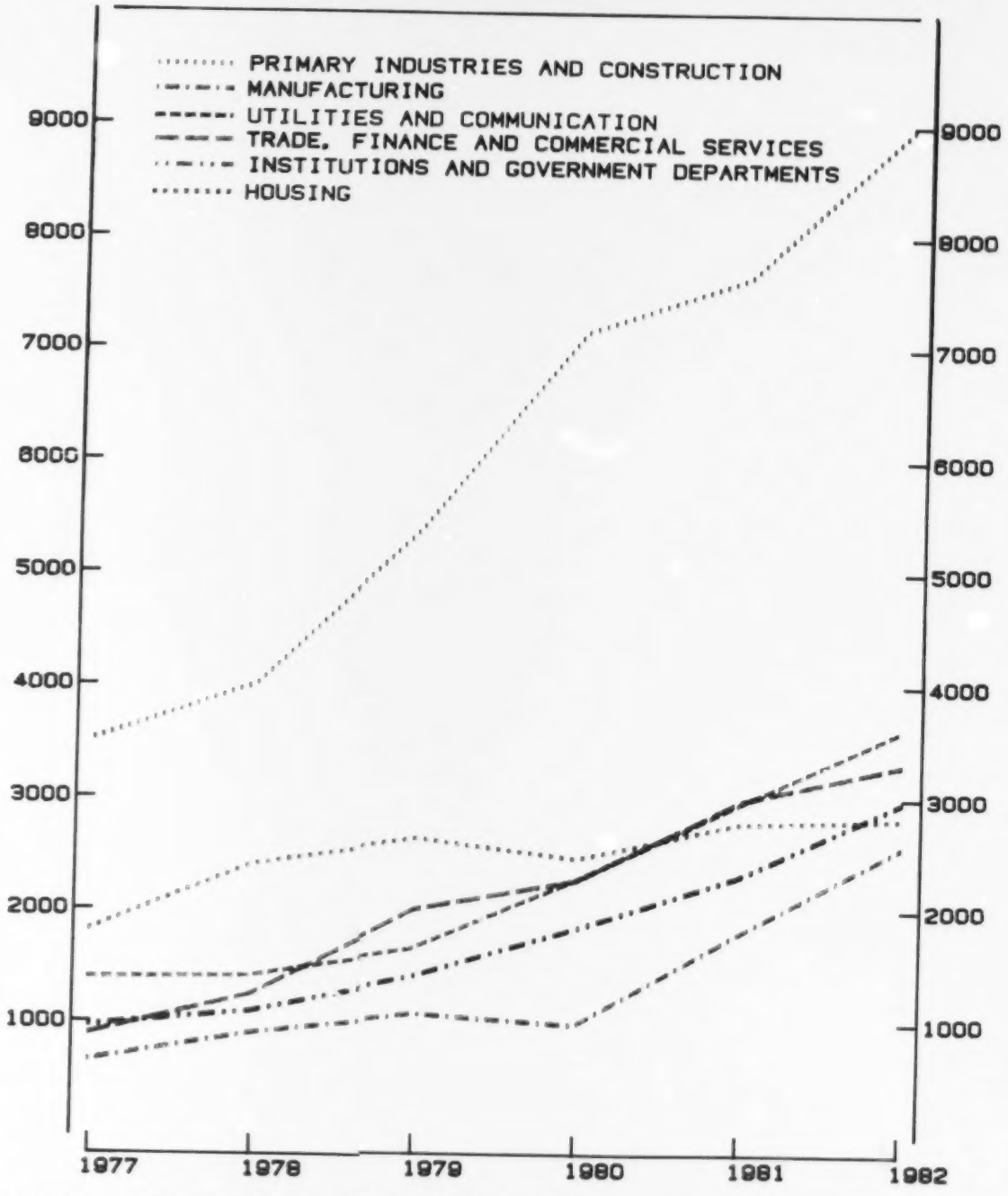
	1971	1976	1977	1978	1979	1980r	1981p
Alberta	1,670	4,491	4,862	5,620	6,889	7,936	9,179
British Columbia	1,699	2,760	2,969	3,248	3,734	4,569	5,312
Saskatchewan	1,040	2,938	3,044	3,255	4,094	4,485	5,433
Manitoba	1,088	2,281	2,389	2,512	2,642	2,775	3,124
Ontario	1,269	2,194	2,323	2,454	2,707	2,991	3,475
Quebec	905	2,002	2,172	2,235	2,446	2,675	2,905
Canada	1,217	2,410	2,567	2,764	3,169	3,571	4,127

r - revised p - preliminary

SOURCE: Statistics Canada, "Private and Public Investment in Canada," Catalogue No. 61-205.

GRAPH 9

PRIVATE AND PUBLIC INVESTMENT BY INDUSTRY
ALBERTA, 1977 - 1982
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 61-205

TABLE 51
PRIVATE AND PUBLIC INVESTMENT BY INDUSTRY(1)
CANADA AND SELECTED PROVINCES
1982

($ Millions)

	Alta.	B.C.	Sask.	Man.	Ont.	Que.	Can.
Primary Industries and Construction	8,996.5	2,725.2	2,637.5	867.0	3,245.6	2,052.8	23,911.6
% Contribution to Total	37.0	17.5	47.6	25.9	9.7	10.3	21.4
Manufacturing	2,572.1	2,097.9	205.3	300.0	9,245.0	3,818.1	19,522.2
% Contribution to Total	10.6	13.5	3.7	9.0	27.6	19.2	17.4
Utilities & Communication	3,636.8	3,682.2	1,181.1	936.3	7,721.8	6,162.9	25,033.0
% Contribution to Total	14.9	23.7	21.3	28.0	23.0	31.0	22.4
Trade, Finance & Commerical Services	3,306.0	1,729.0	414.9	395.5	4,810.0	2,014.5	13,301.0
% Contribution to Total	13.6	11.1	7.5	11.8	14.3	10.1	11.9
Institution & Government Departments	2,984.1	1,899.5	649.8	502.1	3,431.8	2,547.8	13,765.8
% Contribution to Total	12.3	12.2	11.7	15.0	10.2	12.8	12.3
Housing	2,849.2	3,432.8	457.7	345.1	5,080.3	3,315.2	16,396.6
% Contribution to Total	11.7	22.1	8.3	10.3	15.1	16.6	14.6
Total	24,344.7	15,566.6	5,546.3	3,346.0	33,534.5	19,911.3	111,930.2
% Contribution to Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(1) original intentions

SOURCE: Statistics Canada, "Private and Public Investment in Canada," Catalogue No. 61-205.

TABLE 52
PRIVATE AND PUBLIC INVESTMENT BY INDUSTRY
ALBERTA
1971 - 1982

($ Millions)

	1971	1977	1978	1979	1980r	1981p	1982(1)		
							Construction	Machinery & Equipment	Total
Primary Industries and Construction	946.1	3,523.0	4,015.0	5,385.4	7,154.1	7,649.4	6,015.1	2,981.4	8,996.5
Manufacturing									
Food & Beverage	33.2	78.3	74.2	72.7	98.3	90.8	25.2	78.8	104.0
Wood	16.0	23.2	26.0	47.4	46.7	72.5	4.3	26.5	30.8
Metal Fabricating	4.8	8.2	7.9	8.1	29.3	32.1	3.6	16.1	19.7
Non-Metallic Products	13.2	71.5	72.5	154.6	139.7	161.3	9.8	109.2	119.0
Other Manufacturing	119.3	480.1	729.8	789.2	665.4	1,444.9	713.0	1,585.6	2,298.6
Total Manufacturing	186.5	661.3	910.4	1,072.0	979.4	1,801.6	755.9	1,816.2	2,572.1
Utilities & Communication	471.6	1,410.1	1,436.8	1,671.4	2,285.8	2,974.6	2,144.4	1,492.4	3,636.8
Trade, Finance & Commercial Services	179.7	894.3	1,252.3	1,994.7	2,261.7	2,981.9	2,278.9	1,027.1	3,306.0
Institution & Government Departments	442.0	971.4	1,109.0	1,412.6	1,843.3	2,322.8	2,609.2	374.9	2,984.1
Housing	492.3	1,833.4	2,426.8	2,647.0	2,479.2	2,805.5	2,849.2	-	2,849.2
TOTAL	2,718.2	9,293.5	11,150.3	14,183.1	17,003.5	20,535.8	16,652.7	7,692.0	24,344.7

r - revised p - preliminary (1)original intentions

SOURCE: Statistics Canada, "Private and Public Investment in Canada," Catalogue No. 61-205.

TABLE 53
CONSUMER PRICE INDEX, SELECTED SPECIAL AGGREGATES, ANNUAL AVERAGES
CANADA AND SELECTED CITIES
1972 - 1981

1971 = 100

	1972	1976	1977	1978	1979	1980	198
CANADA							
All Items	104.8	148.9	160.8	175.2	191.2	210.6	236.
All Items Excluding Food	103.7	142.8	154.0	163.9	176.9	194.6	219.
All Items Excluding Food & Energy	103.9	140.3	150.6	159.8	172.0	188.1	208.
EDMONTON							
All Items	104.6	148.7	162.2	176.7	192.5	212.0	238.
All Items Excluding Food	103.7	145.3	158.2	169.3	183.2	201.8	227.
All Items Excluding Food & Energy	103.9	143.9	156.2	167.8	182.1	199.9	221.
CALGARY							
All Items	104.3	148.0	160.5	173.8	188.9	208.4	236.
All Items Excluding Food	103.4	144.0	156.5	166.6	179.3	198.2	226.
All Items Excluding Food & Energy	103.5	142.9	154.9	164.9	177.6	195.7	219.
VANCOUVER							
All Items	105.3	153.7	164.7	177.4	191.1	209.0	238.
All Items Excluding Food	104.4	147.3	158.3	167.8	178.7	194.9	224.
All Items Excluding Food & Energy	104.6	145.6	155.3	164.4	175.1	190.3	217.
REGINA							
All Items	104.6	146.9	161.2	175.8	190.5	209.7	234.
All Items Excluding Food	103.6	142.8	156.9	167.9	180.3	198.4	222.
All Items Excluding Food & Energy	103.7	141.0	154.1	164.7	177.1	194.0	213.
WINNIPEG							
All Items	104.7	150.6	162.7	176.5	192.7	211.9	235.
All Items Excluding Food	103.9	145.2	157.2	167.2	181.4	199.5	222.
All Items Excluding Food & Energy	104.0	142.1	152.5	161.3	174.6	191.2	210.
TORONTO							
All Items	104.9	148.6	160.1	173.7	189.8	209.0	235.
All Items Excluding Food	104.0	143.9	154.8	165.2	179.0	197.0	222.
All Items Excluding Food & Energy	104.2	140.8	150.7	160.6	173.6	189.8	210.
OTTAWA							
All Items	104.8	147.9	160.0	173.4	188.7	207.0	231.
All Items Excluding Food	104.2	143.1	154.7	165.0	178.0	194.9	218.
All Items Excluding Food & Energy	104.3	140.1	150.6	160.2	172.5	187.7	206.
MONTREAL							
All Items	104.3	147.4	159.7	173.1	188.9	208.4	234.
All Items Excluding Food	103.3	139.6	150.8	160.4	172.9	190.4	213.
All Items Excluding Food & Energy	103.4	137.6	148.3	157.1	168.4	184.4	203.
QUEBEC CITY							
All Items	103.7	146.5	159.3	172.2	188.0	208.2	233.
All Items Excluding Food	102.7	139.5	150.6	160.0	173.2	191.3	213.
All Items Excluding Food & Energy	102.8	137.2	147.8	156.5	168.7	185.0	202.
HALIFAX							
All Items	104.7	148.3	159.8	172.1	187.4	207.5	232.
All Items Excluding Food	103.9	142.2	153.4	162.2	174.5	192.4	215.
All Items Excluding Food & Energy	104.0	138.3	147.1	154.4	166.0	181.6	199.

NOTE: The CPI for each city measures price changes from one time period to another within that specific city. Thus, while city CPI's show the movement of prices in each city, they do not indicate price level differences between cities, or between cities and Canada. (For further details refer to Glossary).
SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 54
CONSUMER PRICE INDEX AND COMPONENT ITEMS, ANNUAL AVERAGES
EDMONTON
1972 - 1981

	All Items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Education & Reading	Tobacco & Alcohol
			(1971 = 100)					
1972	104.6	107.0	104.8	103.2	103.8	103.2	102.2	100.2
1973	112.7	121.8	112.2	108.4	107.3	107.0	108.0	106.8
1974	124.2	140.1	122.8	119.5	117.1	114.4	116.1	110.3
1975	137.6	155.3	137.0	126.3	133.2	127.2	126.0	124.3
1976	148.7	159.0	156.4	132.9	145.0	137.1	133.8	128.7
1977	162.2	174.6	174.0	141.0	156.4	147.3	142.9	135.7
1978	176.7	200.8	188.2	153.1	164.2	157.1	150.7	142.9
1979	192.5	224.3	203.6	169.4	178.3	168.1	163.1	148.5
1980	212.0	246.2	222.4	192.9	199.1	182.6	177.2	162.0
1981	238.5	273.4	252.9	207.9	231.4	203.9	193.8	183.1
			(Percent Change)					
1972/73	7.7	13.8	7.1	5.0	3.4	3.7	5.7	6.6
1973/74	10.2	15.0	9.4	10.2	9.1	6.9	7.5	3.4
1974/75	10.8	10.8	11.6	5.7	13.7	11.2	8.5	12.7
1975/76	8.1	2.4	14.2	5.2	8.9	7.8	6.2	3.5
1976/77	9.1	9.8	11.3	6.1	7.9	7.4	6.8	5.4
1977/78	8.9	15.0	8.2	8.6	5.0	6.7	5.5	5.3
1978/79	8.9	11.7	8.2	10.7	8.6	7.0	8.2	3.9
1979/80	10.1	9.8	9.2	13.9	11.7	8.6	8.6	9.1
1980/81	12.5	11.0	13.7	7.8	16.2	11.7	9.4	13.0

SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 55
CONSUMER PRICE INDEX AND COMPONENT ITEMS, ANNUAL AVERAGES
CALGARY
1972 - 1981

	All Items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Education & Reading	Tobacco & Alcohol
			(1971 = 100)					
1972	104.3	106.7	104.4	103.2	103.1	103.6	101.9	100.2
1973	111.5	120.8	109.8	108.3	106.0	108.0	106.7	107.0
1974	122.6	139.8	117.4	120.0	116.3	115.9	117.2	110.7
1975	136.6	155.2	132.0	128.9	132.1	129.4	127.1	124.5
1976	148.0	159.6	151.7	135.2	144.1	141.2	135.3	129.1
1977	160.5	171.8	168.3	144.0	154.2	152.2	144.8	137.8
1978	173.8	196.4	180.9	153.5	162.0	163.5	151.2	145.2
1979	188.9	221.7	195.0	169.1	173.4	177.5	161.2	153.1
1980	208.4	243.1	214.8	188.7	196.0	188.7	175.1	168.9
1981	236.1	268.9	247.6	204.9	229.9	211.0	191.6	192.2
			(Percent Change)					
1972/73	6.9	13.2	5.2	4.9	2.8	4.2	4.7	6.8
1973/74	10.0	15.7	6.9	10.8	9.7	7.3	9.8	3.5
1974/75	11.4	11.0	12.4	7.4	13.6	11.6	8.4	12.5
1975/76	8.3	2.8	14.9	4.9	9.1	9.1	6.5	3.7
1976/77	8.4	7.6	10.9	6.5	7.0	7.8	7.0	6.7
1977/78	8.3	14.3	7.5	6.6	5.1	7.4	4.4	5.4
1978/79	8.7	12.9	7.8	10.2	7.0	8.6	6.6	5.4
1979/80	10.3	9.7	10.2	11.6	13.0	8.3	8.6	10.3
1980/81	13.3	10.6	15.3	8.6	17.3	11.8	9.4	13.8

SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 56
CONSUMER PRICE INDEX AND COMPONENT ITEMS, ANNUAL AVERAGES
CANADA
1972 - 1981

	All Items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Education & Reading	Tobacco & Alcohol
			(1971 = 100)					
1972	104.8	107.6	104.7	102.6	102.6	104.8	102.8	102.7
1973	112.7	123.3	111.4	107.7	105.3	109.8	107.1	106.0
1974	125.0	143.4	121.2	118.0	115.8	119.4	116.5	111.8
1975	138.5	161.9	133.2	125.1	129.4	133.0	128.5	125.3
1976	148.9	166.2	148.0	132.0	143.3	144.3	136.2	134.3
1977	160.8	180.1	161.9	141.0	153.3	155.0	142.7	143.8
1978	175.2	208.0	174.1	146.4	162.2	166.2	148.2	155.5
1979	191.2	235.4	186.2	159.9	178.0	181.2	158.4	166.7
1980	210.6	260.6	201.4	178.7	200.7	199.3	173.5	185.3
1981	236.9	290.4	226.4	191.4	237.6	221.0	191.0	209.2
			(Percent Change)					
1972/73	7.5	14.6	6.4	5.0	2.6	4.8	4.2	3.2
1973/74	10.9	16.3	8.8	9.6	10.0	8.7	8.8	5.5
1974/75	10.8	12.9	9.9	6.0	11.7	11.4	10.3	12.1
1975/76	7.5	2.7	11.1	5.5	10.7	8.5	6.0	7.2
1976/77	8.0	8.4	9.4	6.8	7.0	7.4	4.8	7.1
1977/78	9.0	15.5	7.5	3.8	5.8	7.2	3.9	8.1
1978/79	9.1	13.2	7.0	9.2	9.7	9.0	6.9	7.2
1979/80	10.1	10.7	8.2	11.8	12.8	10.0	9.5	11.2
1980/81	12.5	11.4	12.4	7.1	18.4	10.9	10.1	12.9

SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 57
CONSUMER PRICE INDEX, SELECTED SPECIAL AGGREGATES, ANNUAL AVERAGES
EDMONTON AND CALGARY
1972 - 1981

1971 = 100

	1972	1974	1975	1976	1977	1978	1979	1980	1981
Edmonton									
All Items	104.6	124.2	137.6	148.7	162.2	176.7	192.5	212.0	238.5
All Items Excluding Food	103.7	119.3	132.1	145.3	158.2	169.3	183.2	201.8	227.9
All Items Excluding Food & Energy	103.9	119.7	131.7	143.9	156.2	167.8	182.1	199.9	221.9
Energy	101.7	115.4	139.6	164.6	183.3	190.1	197.7	229.8	316.7
Food & Energy	106.3	135.7	152.9	161.1	177.4	199.7	219.7	244.0	284.4
Shelter	105.6	123.4	136.0	157.4	174.5	188.8	205.9	224.3	253.1
Rented Accommodation	103.2	106.6	114.2	129.2	141.3	152.6	162.7	174.6	191.0
Owned Accommodation	107.3	133.6	148.7	173.6	193.4	209.6	231.1	253.7	290.6
Calgary									
All Items	104.3	122.6	136.6	148.0	160.5	173.8	188.9	208.4	236.1
All Items Excluding Food	103.4	117.2	130.4	144.0	156.5	166.6	179.3	198.2	226.0
All Items Excluding Food & Energy	103.5	117.6	130.2	142.9	154.9	164.9	177.6	195.7	219.4
Energy	103.3	114.4	138.7	161.8	180.5	190.5	201.4	231.4	315.9
Food & Energy	106.2	135.4	152.7	161.0	174.6	196.4	218.2	241.9	282.0
Shelter	104.8	117.8	131.2	152.4	170.7	183.7	197.8	216.7	248.0
Rented Accommodation	100.4	102.6	109.4	123.2	134.1	144.1	152.3	163.7	183.5
Owned Accommodation	108.3	128.2	145.2	170.5	192.9	207.7	225.2	248.4	286.3

SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 58
NEW HOUSING PRICE INDEX
EDMONTON AND CALGARY
1972 - 1981

1976 = 100

	1972	1974	1975	1976	1977	1978	1979	1980	1981
Edmonton									
Composite	44.4	70.3	83.5	100.0	106.9	114.3	123.0	132.7	140.0
House	47.5	74.6	85.4	100.0	103.9	109.1	115.0	123.0	131.2
Land	37.0	60.3	79.2	100.0	113.8	126.5	141.8	155.1	160.5
Calgary									
Composite	45.3	66.8	80.4	100.0	106.9	115.5	123.2	132.4	145.9
House	53.2	76.0	86.6	100.0	105.9	113.8	120.2	127.5	143.6
Land	30.0	48.9	67.8	100.0	108.9	118.7	129.2	142.0	150.3

SOURCE: Statistics Canada, "Construction Price Statistics," Catalogue No. 62-007.

TABLE 59
SELECTED INTEREST RATES AND BOND YIELDS, ANNUAL AVERAGES
CANADA
1971 - 1981

	1971	1976	1977	1978	1979	1980	1981
Bank Rate	5.19	9.29	7.71	8.98	12.10	12.89	17.93
Chartered Bank Prime Business Lending Rate	6.48	10.04	8.50	9.69	12.90	14.25	19.29
Mortgage Lending Rates							
Conventional	9.43	11.78	10.36	10.59	11.97	14.32	18.15
NHA Homeowner	9.04	11.72	10.36	10.29	11.39	13.66	15.31
Government of Canada Securities							
Treasury Bills							
3-Months	3.56	8.87	7.33	8.68	11.69	12.79	17.72
6-Months	3.73	8.82	7.38	8.94	11.77	12.78	17.49
Average Bond Yields							
1-3 Years	4.93	8.11	7.33	8.74	10.75	12.44	15.96
3-5 Years	5.55	8.31	7.79	9.00	10.42	12.32	15.50
5-10 Years	6.15	8.72	8.13	9.08	10.16	12.29	15.29
Over 10 Years	6.95	9.18	8.70	9.27	10.21	12.48	15.22
Chartered Bank Deposit Rates							
Deposit Receipts, 90 Day	4.75	9.34	7.52	8.76	12.06	12.80	18.16
Non-Chequable Savings Deposit	4.54	7.83	6.00	7.04	10.13	11.15	15.42
5 Year Trust Company Investment Certificates	7.72	10.10	8.95	9.27	10.41	12.31	15.36

NOTE: NHA denotes "National Housing Act".

SOURCE: Bank of Canada, "Bank of Canada Review."

TABLE 60
TOTAL REAL ESTATE SALES (1)
ALBERTA AND SELECTED CITIES
1976 - 1981

	1976	1977	1978	1979	1980	1981
ALBERTA						
Volume($ 000)	970,260	1,410,412	1,676,040	2,218,683	2,625,035	2,764,339
No. of Listings	41,473	48,597	52,147	63,525	68,560	76,282
No. of Sales	15,264	20,874	22,019	24,966	27,581	25,908
Average Sales Price ($)	63,500	67,600	76,100	88,900	95,200	106,700
EDMONTON						
Volume ($ 000)	417,684	571,064	704,456	932,452	952,982	939,634
No. of Listings	18,867	21,379	22,403	29,294	30,562	30,395
No. of Sales	6,852	8,657	9,261	9,803	9,913	8,868
Average Sales Price($)	61,000	66,000	76,000	95,000	96,100	105,700
CALGARY						
Volume ($ 000)	462,974	711,431	810,959	1,045,880	1,371,097	1,481,993
No. of Listings	17,375	19,583	22,048	24,397	26,311	30,426
No. of Sales	6,590	9,810	10,083	11,678	13,597	12,874
Average Sales Price ($)	70,200	72,500	80,400	89,600	100,800	115,100
RED DEER						
Volume ($ 000)	18,052	32,006	42,624	71,340	84,401	84,462
No. of Listings	1,159	1,734	1,887	2,720	3,469	3,812
No. of Sales	361	588	598	914	1,056	941
Average Sales Price($)	50,100	54,400	71,000	78,000	79,900	89,800
LETHBRIDGE						
Volume ($ 000)	44,690	59,248	62,758	84,429	94,155	103,707
No. of Listings	2,367	3,460	3,606	3,775	3,407	3,657
No. of Sales	853	1,057	1,074	1,300	1,338	1,243
Average Sales Price($)	52,400	56,100	58,000	65,000	70,400	83,400
MEDICINE HAT						
Volume ($ 000)	18,498	25,140	31,046	38,177	49,454	46,064
No. of Listings	1,187	1,877	1,626	1,896	1,997	2,187
No. of Sales	399	521	587	650	744	640
Average Sales Price ($)	46,400	48,300	53,000	59,000	66,500	72,000
GRANDE PRAIRIE						
Volume ($ 000)	8,362	11,523	19,225	28,167	42,440	45,399
No. of Listings	518	564	658	726	1,651	2,180
No. of Sales	209	241	324	335	524	521
Average Sales Price ($)	40,000	47,800	59,000	84,000	81,000	87,100

NOTE: Data refers to Multiple Listing Sales only.

(1) Includes apartments, farms, commercial properties, revenue properties, industrial properties, raw land and acreages.

SOURCE: The Alberta Real Estate Association, "M.L.S. Statistics."

TABLE 61
RESIDENTIAL REAL ESTATE SALES
ALBERTA AND SELECTED CITIES
1976 - 1981

	1976	1977	1978	1979	1980	1981
ALBERTA						
Volume ($ 000)	725,584	1,077,833	1,249,531	1,581,140	2,008,289	2,186,787
No. of Listings	27,735	31,433	34,358	41,445	45,259	52,752
No. of Sales	12,164	17,160	17,592	20,356	23,234	22,604
Average Sales Price ($)	59,600	62,800	71,000	77,700	86,400	96,700
EDMONTON						
Volume ($ 000)	304,303	430,351	496,422	600,439	692,607	683,375
No. of Listings	12,159	12,563	12,875	17,171	17,681	18,293
No. of Sales	5,152	6,885	6,916	7,616	8,183	7,466
Average Sales Price ($)	59,000	62,500	71,500	79,000	84,700	91,500
CALGARY						
Volume ($ 000)	353,282	548,699	629,311	809,364	1,090,096	1,268,618
No. of Listings	12,096	13,659	15,490	17,505	19,972	24,664
No. of Sales	5,451	8,260	8,334	9,819	11,619	11,775
Average Sales Price ($)	64,800	66,400	75,500	82,400	93,800	107,700
RED DEER						
Volume ($ 000)	12,160	21,775	29,215	43,087	56,940	54,469
No. of Listings	591	1,069	1,334	1,626	2,127	2,271
No. of Sales	259	419	469	678	830	732
Average Sales Price ($)	46,900	52,000	62,000	64,000	68,600	74,400
LETHBRIDGE						
Volume ($ 000)	33,558	44,558	49,466	63,454	69,047	70,154
No. of Listings	1,738	2,357	2,654	2,666	2,156	2,461
No of Sales	761	909	949	1,145	1,145	1,038
Average Sales Price ($)	44,100	49,000	52,000	55,000	60,300	67,600
MEDICINE HAT						
Volume ($ 000)	15,213	22,579	25,545	31,553	41,129	31,579
No of Listings	801	1,409	1,262	1,487	1,438	1,565
No. of Sales	360	480	535	599	683	556
Average Sales Price ($)	42,300	47,000	48,000	53,000	60,200	56,800
GRANDE PRAIRIE						
Volume ($ 000)	7,068	9,871	13,764	18,755	35,647	35,705
No. of Listings	350	376	452	498	1,143	1,597
No. of Sales	181	207	267	269	454	439
Average Sales Price ($)	39,000	47,700	51,500	69,500	78,500	81,300

NOTE: Data refers to Multiple Listing Sales only.

SOURCE: The Alberta Real Estate Association, "M.L.S. Statistics."

TABLE 62
AVERAGE RETAIL PRICES FOR GASOLINE BY TYPE
EDMONTON AND CALGARY
1971 - 1981

(Cents Per Litre)

	1971	1976	1977	1978	1979	1980	1981
EDMONTON							
Full Service Filling Stations							
Regular Leaded	10.6	17.0	17.7	17.0	17.8	21.1	28.8
Regular Unleaded	-	18.0	18.6	18.1	19.1	23.0	31.1
Self Serve Filling Stations							
Regular Leaded	-	15.3	16.8	16.6	17.3	20.1	27.4
Regular Unleaded	-	16.2	17.7	17.7	18.6	21.7	29.2
CALGARY							
Full Service Filling Stations							
Regular Leaded	10.5	16.2	17.5	17.4	18.2	21.6	29.9
Regular Unleaded	-	17.6	18.7	18.6	19.6	23.4	31.9
Self Serve Filling Stations							
Regular Leaded	-	15.4	17.0	17.0	19.4	20.4	28.2
Regular Unleaded	-	16.2	17.9	18.0	18.7	22.1	30.0

SOURCE: Statistics Canada, "Consumer Prices and Price Indexes," Catalogue No. 62-010.

TABLE 63
PLACE-TO-PLACE PRICE COMPARISONS
SELECTED COMMUNITIES, ALBERTA
June 1981

Edmonton = 100

Communities	Food Index	Non-Food Index	All Items Index
Banff	114	108	110
Bonnyville/Grande Centre	104	101	102
Calgary	100	107	104
Fort McMurray	106	113	111
Grande Prairie	108	108	108
High Level	124	108	113
Hinton	113	107	109
Lethbridge	101	95	97
Lloydminster	105	101	103
Medicine Hat	102	90	94
Municipality of Crowsnest Pass	108	93	98
Peace River	107	106	106
Red Deer	101	101	101
Rocky Mountain House	109	98	102

NOTE: The number of items surveyed should be looked at for the reader's assurance of the reliability of the indices. Variations in the weighting pattern and number of items surveyed arise due to the lack of availability and comparability of certain items in some communities. Contact Information Services, Alberta Bureau of Statis tics for further information.

SOURCE: Alberta Bureau of Statistics, "Place-to-Place Price Comparisons for Selected Alberta Communities 1981."

TABLE 64
STATEMENT OF PROVINCIAL GOVERNMENT REVENUE AND EXPENDITURE
ALBERTA
FOR YEARS ENDING MARCH 31, 1980 AND 1981

($ Thousands)

	1980r		1981p	
	Revenue	Expenditure	Revenue	Expenditure
Legislative Assembly				
Office of The Auditor General	439	4,682	935	5,642
Office of the Chief Electoral Officer	28	357	(1)	287
Miscellaneous	29	5,060	(1)	6,776
Total	496	10,099	970	12,705
Departments				
Advanced Education and Manpower	167,998	456,809	168,338	546,451
Agriculture	2,106	93,733	2,125	116,609
Attorney General	47,363	55,478	57,201	66,605
Consumer and Corporate Affairs	4,882	10,088	5,212	11,340
Culture	1,026	81,002	1,205	57,191
Economic Development	14	7,589	85	27,975
Education	2,850	663,112	1,656	728,002
Energy and Natural Resources	3,271,448	99,756	3,508,895	143,813
Environment	5,903	133,772	6,572	304,731
Executive Council	3,945	55,201	3,943	64,294
Federal and Intergovernmental Affairs	21	2,598	228	3,548
Government Services	3,891	77,448	3,949	92,089
Hospitals and Medical Care	190,808	822,131	209,801	1,056,283
Housing and Public Works	14,168	321,464	17,607	394,245
Labour	3,800	15,093	3,973	17,153
Municipal Affairs	4,421	139,236	5,042	169,963
Recreation, Parks and Wildlife	824	58,817	1,193	62,307
Social Services and Community Health	201,116	484,380	228,717	615,896
Solicitor General	63,201	109,592	70,264	134,177
Tourism and Small Business	43	13,258	50	15,402
Transportation	20,022	483,915	15,902	586,633
Treasury	1,657,775	171,717	2,263,625	176,178
Utilities and Telephones	75	165,065	1,730	145,034
Accounting Policy Adjustment	-	-	-	-
Total	5,668,196	4,531,352	6,578,280	5,548,605
Statutory Appropriations		134,176		12,719
Expenditure		4,665,528		5,561,324
Deduct: Expenditure	4,665,528		5,561,324	
Departmental Budgetary Surplus Before Extraordinary Appropriation	1,002,668		1,016,956	
Extraordinary Satutory Appropriation				
Hospital Debt Retirement Act		-		328,597
Pension Fund Act		-		1,100,000
Municipal Dept. Reduction Act		1,031,015		-
Total Expenditure		5,696,543		6,989,921
Deduct: Extraordinary Appropriation	1,031,015		1,428,597	
Departmental Budgetary Surplus (Deficit)	(28,347)		(411,641)	

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(1)Included in miscellaneous

SOURCE: Alberta Treasury, Office of the Provincial Auditor, "Public Accounts."

TABLE 65
PROVINCIAL GOVERNMENT REVENUE AND EXPENDITURE
ALBERTA
FOR YEARS ENDING MARCH 31, 1971 - 1981

($ Thousands)

	Revenue	Expenditure	Surplus or (Deficit)
1971	1,022,435	1,123,262	(100,827)
1972	1,125,320	1,263,718	(138,398)
1973	1,307,835	1,369,017	(61,182)
1974	1,747,673	1,504,000	243,673
1975	2,930,102	2,076,903	853,199
1976	3,327,934	2,720,751	607,183
1977	3,225,298*	2,920,030	305,268
1978	4,261,320*	3,380,685	880,635
1979	4,829,241*	3,731,886	1,097,355
1980	5,668,196*	5,696,543	(28,347)
1981p	6,578,280*	6,989,921	(411,641)

* Excludes funds allocated to the Alberta Heritage Savings Trust Fund and Natural Gas Rebates Fund (1981).
SOURCE: Alberta Treasury, Office of the Provincial Auditor, "Public Accounts."

TABLE 66
ALBERTA HERITAGE SAVINGS TRUST FUND BALANCE SHEET
FOR THE YEARS ENDING MARCH 31
1979 - 1981

($ Thousands)

	1979	1980	1981
ASSETS			
Deposit in the Consolidated Cash Investment Trust Fund of the Province of Alberta	29,253	44,116	42,857
Accrued Interest Receivable	106,871	145,598	222,248
Due from the General Revenue Fund of the Province of Alberta	-	-	22,670
Marketable Securities	877,483	1,427,007	1,290,746
Long Term Investments	1,552,870	-	
Canada Investment Division Investments	269,519	928,513	1,491,923
Alberta Investment Division Investments	1,614,347	3,140,311	4,523,857
Energy Investment Division Investments	-	-	25,000
	4,450,323	5,685,545	7,619,301
DEEMED ASSETS			
Capital Projects Division Investments	255,089	733,435	960,508
	4,705,412	6,418,980	8,579,809
LIABILITIES			
Accounts Payable	18,547	38,521	49,997
Due to the General Fund of the Province of Alberta, Net	953	19,822	-
	19,500	58,343	49,997
FUND EQUITY			
Represented by Net Assets	4,430,823	5,627,202	7,569,304
	4,450,323	5,685,545	7,619,301
Represented by Deemed Assets	255,089	733,435	960,508
	4,705,412	6,418,980	8,579,809

SOURCE: Alberta Treasury, "Alberta Heritage Savings Trust Fund, 1979, 1980 and 1981 Annual Reports."

TABLE 67
PROVINCIAL GOVERNMENT REVENUE FROM MINERAL RESOURCES
ALBERTA
FOR YEARS ENDING MARCH 31, 1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
Coal							
Fees, Rental	1,956	4,193	3,471	3,840	4,165	1,495	4,249
Royalty	560	888	6,794	15,198	19,646	7,543	8,263
Sundry Revenue	2	-	-	-	-	-	-
Other Mining and Quarrying	202	252	341	388	365	504	525
Petroleum and Natural Gas							
Rentals and Fees	71,346(1)	52,652	57,755	64,837	75,029	64,262	84,234
Royalty	174,638(2)						
Oil	-	975,441	1,094,257	1,323,226	1,775,670	1,899,885	1,969,062
Natural Gas	-	519,136	721,707	980,781	1,300,933	1,509,891	1,903,045
Sales of Petroleum and Natural Gas Rights	21,070	127,001	197,839	736,147	667,514	1,057,732	758,839
Bonuses - Alberta Energy Company	-	14,000	10,000	-	30,000	-	-
Synthetic Crude Oil	3,003(2)						
Rentals and Fees	-	4,549	4,814	5,103	5,668	5,007	4,469
Royalty	-	15,378	19,095	23,826	30,559	46,247	224,921
Mineral Taxation							
Mineral Tax and Fees	2,886	11	8	5	8	3	-
Petroleum Tax and Fees	-	11	-	-	-	-	-
Petroleum Tax - Freehold	-	30,135	35,733	76,452	96,820	99,946	145,796
Natural Gas Tax - Freehold	-	23,925	40,578	-	-	-	-
Pipe Line Act Sundry Revenue	12	-	-	-	-	-	-
Administration Sundry Revenue	121	145	273	283	808	994	979
Landman License Fees	2	5	5	6	13	10	15
Total Applied Revenue Less Incentive Credits	275,798	1,767,722	2,192,670	3,230,092	4,007,238	4,693,519	5,104,397
Exploration Drilling	-	28,813	40,868	58,087	94,333	92,683	143,415
Geophysical	-	4,548	8,375	17,073	19,716	6,099	5,061
Total Cash Revenue	275,798	1,734,361	2,143,427	3,154,932	3,893,189	4,594,737	4,955,921

(1) Includes Bonuses

(2)Component items not available for 1971

SOURCE: Alberta Energy and Natural Resources, "Annual Report ".

INDUSTRY

- The total **value of mineral production** in Alberta in 1981 was $17.6 billion, an increase of 7.3 percent. This represents the lowest annual increase since 1976. The 1981 volumes of both crude petroleum and natural gas declined by 9.5 percent and 4.8 percent, respectively. Coal production reached a record level of 18.1 million tonnes, a 4.0 percent increase.

- The estimated **value of construction work performed** in Alberta in 1981 was $13.8 billion, or 18.2 percent greater than during the previous year. Construction of gas and oil facilities increased by 12.1 percent to total $5.0 billion. This compares to the 45.2 percent increase registered in 1980. Residential construction was up 13.2 percent to total $2.8 billion.

- Alberta recorded 38,470 **dwelling starts** in 1981, an increase of 20.1 percent over the previous year. This is the first annual increase since 1978.

- The **value of building permits** issued in 1981 was $5.1 billion, 27.6 percent greater than the 1980 value. The issuance of commercial and residential building permits increased by 53.4 percent and 35.6 percent, respectively. In contrast, the value of industrial building permits dropped by 56.7 percent.

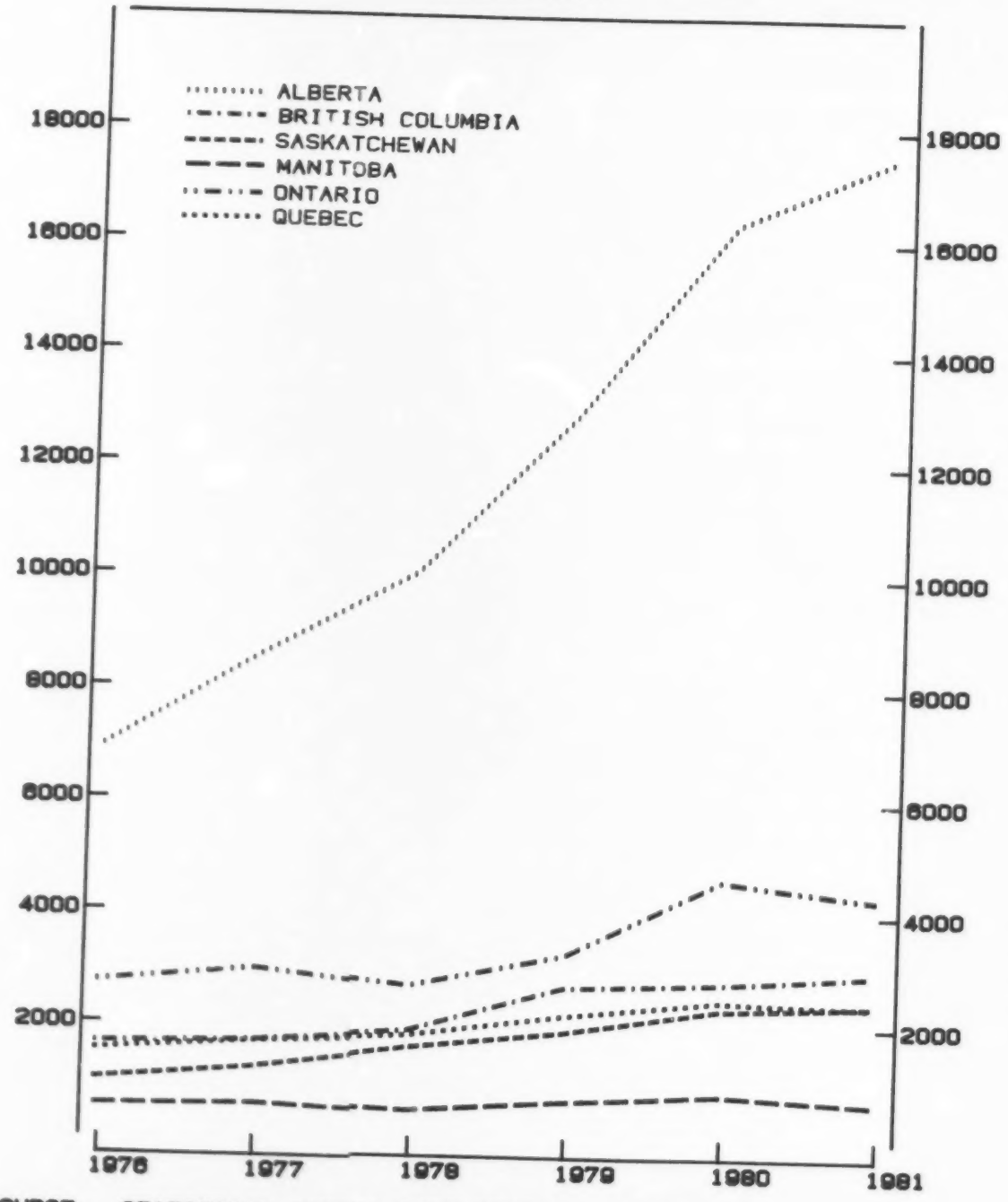
- The **value of manufacturing shipments** in 1981 were estimated at almost $13.0 billion, advancing 22.6 percent over the 1980 value.

- Alberta's **retail trade** during 1981 rose by 15.9 percent, amounting to a value of $10.9 billion. This represented 11.6 percent of the national total.

- **Cash receipts from farming operations** during 1981 amounted to $3.9 billion, up 23.1 percent from the previous year. Cash returns from the sale of crops increased a record 44.4 percent while livestock and products receipts increased only 2.8 percent. The exceptionally high value of crop receipts was primarily due to increased prices for wheat, barley and potatoes.

GRAPH 10

VALUE OF MINERAL PRODUCTION SELECTED PROVINCES, 1976 - 1981 ($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 26-202

TABLE 68
VALUE OF MINERAL PRODUCTION
CANADA AND SELECTED PROVINCES
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980r	1981p
ALBERTA							
Fuels	1,575,198	6,739,013	8,366,271	9,794,035	12,552,239	15,746,236	16,650,147
Non-Metallics	23,514	80,897	92,473	115,874	172,242	454,397	699,538
Structural Materials	41,794	114,452	117,573	177,051	174,103	175,253	219,552
Metals	3	21	10	247	484	3,084	2,145
Total	1,640,508	6,934,383	8,576,327	10,087,206	12,899,068	16,378,970	17,571,382
BRITISH COLUMBIA							
Fuels	150,237	746,714	703,887	809,510	1,037,746	967,554	1,133,926
Non-Metallics	23,871	54,757	81,604	61,420	85,932	115,127	129,507
Structural Materials	56,609	106,295	119,463	143,402	185,193	247,040	249,699
Metals	309,810	698,426	781,557	868,319	1,367,866	1,465,617	1,458,591
Total	540,527	1,606,192	1,686,511	1,882,652	2,676,737	2,795,338	2,971,723
SASKATCHEWAN							
Fuels	236,002	478,676	621,761	732,996	786,925	929,348	915,202
Non-Metallics	145,465	382,905	431,327	532,005	770,399	1,063,411	1,103,698
Structural Materials	12,395	32,269	34,535	44,048	50,541	51,587	61,643
Metals	16,095	80,442	119,940	272,801	265,907	270,270	329,696
Total	409,956	974,291	1,207,562	1,581,850	1,873,772	2,314,616	2,410,239
MANITOBA							
Fuels	15,413	33,553	40,433	45,933	48,403	54,977	63,962
Non-Metallics	2,421	4,775	6,080	7,250	8,466	11,087	12,238
Structural Materials	27,912	63,934	75,517	76,446	85,812	71,703	91,944
Metals	284,315	409,126	441,704	330,007	510,049	664,808	503,180
Total	330,060	511,388	563,733	459,636	652,730	802,575	671,324
ONTARIO							
Fuels	9,060	10,706	16,894	26,869	29,679	37,037	45,743
Non-Metallics	43,887	84,741	89,642	94,095	105,778	119,126	129,073
Structural Materials	211,212	393,935	437,405	528,355	584,433	606,306	688,472
Metals	1,290,618	2,223,006	2,436,140	2,048,534	2,544,643	3,877,984	3,454,323
Total	1,554,777	2,711,758	2,980,082	2,697,852	3,264,533	4,640,453	4,317,611
QUEBEC							
Fuels	26	2	-	-	-	-	-
Non-Metallics	207,838	436,393	520,782	557,179	616,759	653,513	636,403
Structural Materials	121,728	313,703	372,686	440,190	441,714	401,795	400,743
Metals	436,882	742,805	781,549	798,681	1,106,073	1,411,487	1,346,295
Total	766,473	1,492,903	1,674,927	1,796,050	2,164,546	2,466,795	2,383,441
CANADA							
Fuels	2,014,410	8,109,112	9,872,812	11,577,577	14,616,715	17,943,864	19,011,799
Non-Metallics	500,827	1,162,352	1,362,468	1,477,877	1,867,677	2,532,361	2,832,668
Structural Materials	507,168	1,106,794	1,249,362	1,508,048	1,646,005	1,668,577	1,841,848
Metals	2,940,287	5,314,585	5,987,886	5,697,571	7,950,959	9,696,956	9,397,976
Total	5,962,692	15,692,843	18,472,528	20,261,053	26,081,356	31,841,758	33,084,291

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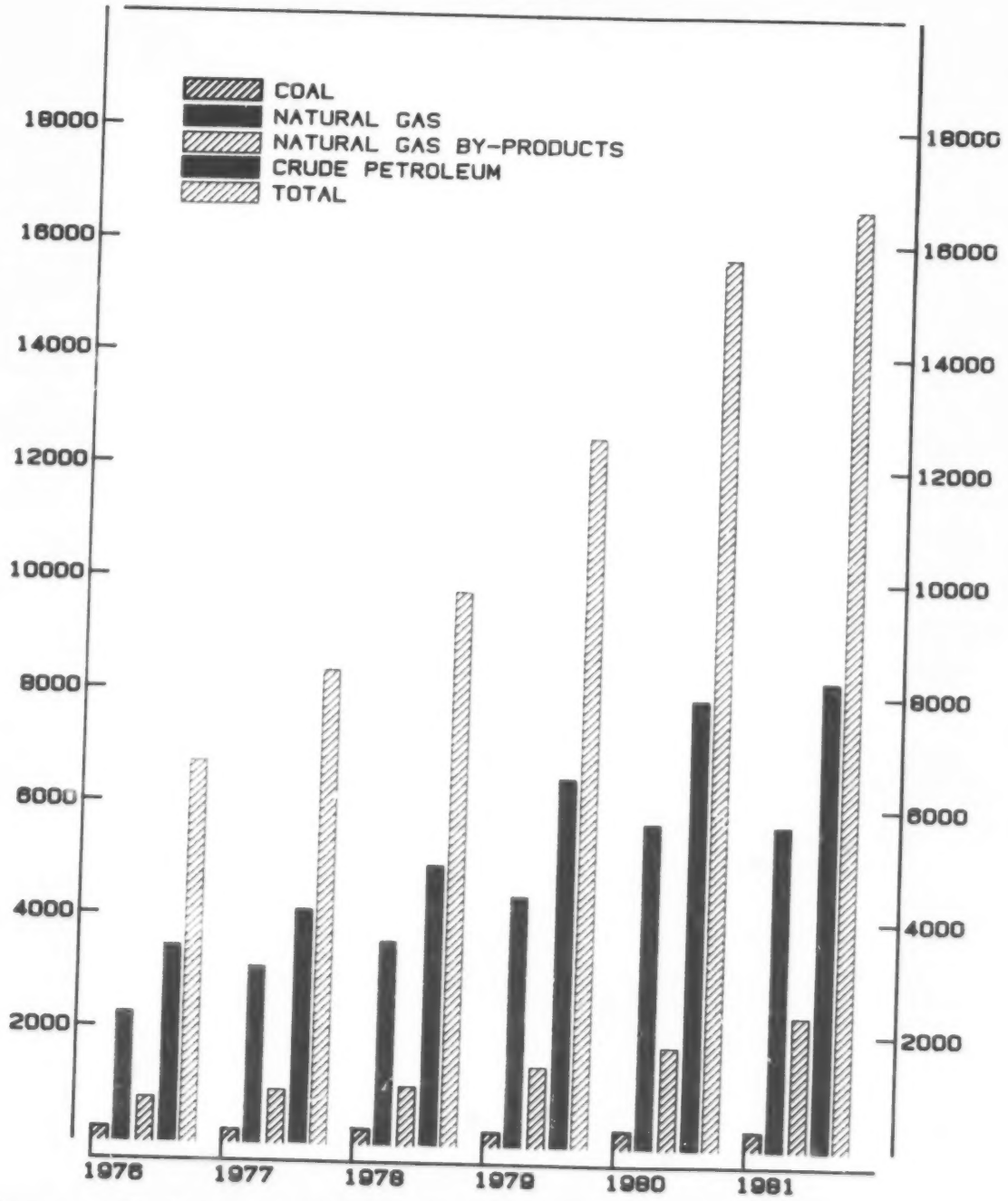
SOURCE: Statistics Canada, "General Review of the Mineral Industries," Catalogue No. 26-201 and Statistics Canada, "Canada's Mineral Production," Catalogue No. 26-202.

GRAPH 11

VALUE OF FUEL PRODUCTION
ALBERTA, 1976 - 1981
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 26-202

TABLE 69
VALUE OF MINERAL PRODUCTION
ALBERTA AND CANADA
1971 - 1981

($ Thousands)

ALBERTA	1971	1976	1977	1978	1979	1980r	1981p
Fuels	1,575,198	6,739,013	8,366,271	9,794,035	12,552,239	15,746,236	16,650,147
Coal	42,418	230,168	210,408	256,905	238,185	302,210	309,400
Natural Gas	290,672	2,282,404	3,110,319	3,590,518	4,418,931	5,748,746	5,728,039
Natural Gas By-Products	186,339	776,886	940,553	1,033,348	1,408,254	1,789,853	2,357,686
Petroleum, Crude	1,055,769	3,449,555	4,104,991	4,913,264	6,486,869	7,905,422	8,255,022
Non-Metallics	23,514	80,897	92,473	115,874	172,242	454,397	699,538
Peat Moss	319	1,842	2,320	4,857	4,890	3,953	4,412
Quartz	72	1,085	1,461	1,962	2,300	2,592	3,400
Salt	2,292	6,245	7,184	7,117	7,895	11,005	13,423
Sodium Sulphate	1,242	2,396	1,826	2,340	2,061	2,696	3,303
Sulphur, Elemental	19,589	69,329	79,683	99,598	155,096	434,151	675,000
Other Non-Metallics	-	-	-	-	-	-	-
Structural Materials	41,794	114,452	117,573	177,051	174,103	175,253	219,552
Clay Products	4,031	10,398	10,518	11,200	12,556	13,200	14,180
Cement	18,736	54,212	55,942	113,537	97,482	97,000	135,409
Lime	2,034	4,684	4,727	5,099	7,031	8,800	9,838
Sand and Gravel	16,285	43,659	45,658	46,422	56,044	55,219	58,750
Stone	709	1,499	728	793	990	1,034	1,375
Metals	3	21	10	247	484	3,084	2,145
Gold	3	20	10	246	482	3,060	2,143
Other Metals	..	..	..	1	2	24	2
TOTAL	1,640,508	6,934,383	8,576,327	10,087,206	12,899,068	16,378,970	17,571,382
CANADA							
Fuels	2,014,410	8,109,112	9,872,812	11,577,557	14,616,715	17,943,864	19,011,799
Coal	121,727	607,100	609,517	779,426	860,000	932,000	1,045,500
Natural Gas	342,549	2,649,218	3,422,070	3,923,465	4,855,845	6,148,826	6,156,901
Natural Gas By-Products	193,191	798,906	969,725	1,063,670	1,449,015	1,825,148	2,398,151
Petroleum, Crude	1,356,943	4,053,888	4,871,500	5,810,996	7,451,855	9,037,890	9,411,247
Non-Metallics	500,827	1,162,352	1,362,468	1,477,877	1,867,677	2,532,361	2,832,668
Peat Moss	11,803	25,474	28,257	35,162	41,150	44,555	48,334
Quartz	7,411	16,007	19,310	21,747	26,579	29,184	34,661
Salt	40,111	84,079	90,076	98,326	109,848	122,775	135,103
Sodium Sulphate	7,064	23,310	20,450	19,300	25,211	30,468	40,254
Sulphur, Elemental	21,300	70,171	80,608	101,392	159,642	444,095	695,900
Other Non-Metallics	413,138	943,311	1,123,767	1,201,950	1,505,247	1,861,284	1,878,416
Structural Materials	507,168	1,106,794	1,249,362	1,508,048	1,646,005	1,668,577	1,841,848
Clay Products	50,194	98,458	103,361	109,635	121,526	108,453	120,174
Cement	183,374	381,614	420,086	572,590	653,877	581,372	680,587
Lime	24,435	61,670	64,467	76,218	82,774	129,232	148,473
Sand and Gravel	152,628	334,414	364,881	416,860	457,120	508,364	547,096
Stone	96,537	230,638	296,567	332,744	330,708	341,156	345,518
Metals	2,940,287	5,314,585	5,987,886	5,697,571	7,950,959	9,696,956	9,397,976
Gold	79,903	208,273	272,331	382,423	590,766	1,165,417	881,116
Other Metals	2,860,384	5,106,312	5,715,555	5,315,148	7,360,193	8,531,539	8,516,860
TOTAL	5,962,692	15,692,843	18,472,528	20,261,053	26,081,356	31,841,758	33,084,291

.. Amount too small to be expressed - nil
r - revised p - preliminary
Note: Component items may not add to totals due to rounding.
SOURCE: Statistics Canada, "General Review of Mineral Industries," Catalogue No. 26-201 and Statistics Canada, "Canada's Mineral Production," Catalogue No. 26-202.

TABLE 70
VOLUME OF MINERAL PRODUCTION
ALBERTA AND CANADA
1971 - 1981

	Units	1971	1976	1977	1978	1979	1980r	1981p
ALBERTA								
Fuels								
Coal	M Tonnes	7,269	10,993	12,013	13,394	15,104	17,396	18,100
Natural Gas	MMm3	58,243	74,178	78,085	76,473	80,814	76,102	72,451
Natural Gas By-Products	Mm3	13,056	16,084	16,180	15,821	19,146	18,729	18,605
Petroleum, Crude	Mm3	59,035	64,264	63,725	63,837	74,529	71,273	64,476
Non-Metallics								
Peat Moss	M Tonnes	10	25	29	45	42	32	35
Salt	M Tonnes	222	297	318	358	402	865	938
Sulphur, Elemental	M Tonnes	2,733	3,984	5,153	5,650	6,140	7,497	8,000
Structural Materials								
Cement	M Tonnes	770	1,073	1,087	1,167	1,336	1,155	1,400
Lime	M Tonnes	91	138	130	141	162	184	170
Sand & Gravel	M Tonnes	16,946	24,520	23,900	20,898	25,727	24,334	25,000
Stone	M Tonnes	167	358	363	241	186	193	250
Metals								
Gold	gm.(000)	2	5	2	35	42	133	121
Silver	kg.(000)	--	--	--	3	-	-	-
CANADA								
Fuels								
Coal	M Tonnes	16,721	25,476	28,520	30,478	33,200	36,688	39,250
Natural Gas	MMm3	70,407	87,650	91,518	88,609	94,426	87,108	82,186
Natural Gas By-Products	Mm3	13,607	16,591	16,703	16,313	19,664	19,147	18,988
Petroleum, Crude	Mm3	78,300	76,438	76,616	76,348	86,910	83,477	74,763
Non-Metallics								
Peat Moss	M Tonnes	343	394	386	435	480	468	485
Salt	M Tonnes	5,028	5,994	6,039	6,452	6,881	7,423	7,283
Sulphur, Elemental	M Tonnes	2,857	4,029	5,207	5,752	6,314	7,656	8,320
Structural Materials								
Cement	M Tonnes	8,234	9,515	9,640	10,558	11,765	10,274	10,368
Lime	M Tonnes	1,491	1,930	1,900	2,034	1,859	2,554	2,463
Sand & Gravel	M Tonnes	193,494	249,159	262,905	272,092	285,221	276,452	287,468
Stone	M Tonnes	66,692	87,876	120,163	122,144	109,719	103,366	94,577
Metals								
Gold	gm.(000)	64,091	52,621	53,921	53,967	51,142	50,620	49,500
Silver	kg.(000)	1,305	1,281	1,314	1,267	1,147	1,070	1,203

-- Amount too small to be expressed. - nil

r - revised p - preliminary

Note: Only minerals produced in Alberta are compared with Canada totals.

SOURCE: Statistics Canada, "General Review of Mineral Industries," Catalogue No. 26-201 and Statistics Canada, "Canada's Mineral Production," Catalogue No. 26-202.

TABLE 71
FUEL PRODUCTION SUMMARY
ALBERTA
1971 - 1981

	Crude Oil(1) Mm3	Synthetic Crude Oil Mm3	Condensate Mm3	Pentanes Plus Mm3	Natural Gas(1) MMm3	Propane(1) Mm3	Butanes(1) Mm3	Ethane Mm3	Sulphur M Tonnes	Coal M Tonnes
1971r	56,795	2,451	122	7,071	59,473	3,694	2,401	-	4,558	8,103
1972r	67,580	2,963	145	9,271	67,656	4,704	3,055	-	6,652	9,564
1973r	83,084	2,906	159	9,427	73,488	5,259	3,361	-	7,087	9,524
1974r	79,181	2,654	119	9,012	73,575	5,198	3,468	161	6,856	9,780
1975r	67,711	2,474	114	8,444	74,021	5,534	3,622	193	6,475	12,056
1976r	61,348	2,779	115	7,421	74,922	5,501	3,735	184	6,342	13,171
1977r	61,000	2,611	122	7,344	78,337	5,618	3,781	370	6,413	13,919
1978r	60,468	3,239	122	6,561	77,702	5,347	3,481	1,401	6,331	15,587
1979r	69,097	5,329	134	6,472	82,512	5,852	3,677	3,587	6,160	17,346
1980r	63,757	7,410	111	5,891	77,438	5,608	3,489	4,456	6,027	20,094
1981p	57,732	6,446	95	5,652	76,686	5,499	3,345	4,671	5,662	21,225

r - revised p - preliminary - nil

(1) Net Production

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 72
DISPOSITION OF CRUDE OIL AND EQUIVALENT (1)
ALBERTA
1971 - 1981

	Total(2) Deliveries Mm3	Value to Producer $ 000	Deliveries to: Alberta Mm3	% of Total	Other Provinces Mm3	% of Total	United States Mm3	% of Total
1971r	66,124	1,189,089	7,203	10.9	21,959	33.2	36,821	55.7
1972r	79,344	1,446,033	8,622	10.9	22,402	28.2	48,256	60.8
1973r	95,717	2,117,608	9,690	10.1	27,919	29.2	58,081	60.7
1974r	91,103	3,340,246	10,412	11.4	34,685	38.1	45,993	50.5
1975r	78,576	3,605,195	11,895	15.1	30,089	38.3	36,533	46.5
1976r	71,015	3,825,087	12,794	18.0	34,961	49.2	23,264	32.8
1977r	70,779	4,556,943	13,896	19.6	43,064	60.8	13,880	19.6
1978r	70,549	5,391,986	14,149	20.1	45,045	63.8	11,352	16.1
1979r	81,172	6,983,707	16,076	19.8	51,599	63.6	13,542	16.7
1980r	77,107	8,448,032	16,079	20.9	52,324	67.9	8,688	11.3
1981p	70,054	8,886,813	15,567	22.2	47,192	67.4	7,243	10.3

r - revised p - preliminary

(1) Includes Condensate, Synthetic Oil and Pentanes Plus.

(2) Includes losses and adjustments in interprovincial pipelines.

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 73
DISPOSITION OF NATURAL GAS
ALBERTA
1971 - 1981

	Total(1) Deliveries MMm3	Gross Value of Sales $000	Deliveries to: Alberta MMm3	% of Total	Other Provinces MMm3	% of Total	United States MMm3	% of Total
1971	46,176	266,289	7,125	15.4	16,277	35.2	20,765	44.9
1972r	51,221	307,328	7,883	15.3	19,829	38.7	21,339	41.6
1973r	54,466	367,644	8,221	15.1	22,604	41.5	21,555	39.6
1974r	55,235	594,325	8,599	15.6	24,099	43.6	20,450	37.0
1975r	56,119	1,267,158	9,163	16.3	24,186	43.1	21,010	37.4
1976r	57,832	2,101,022	9,603	16.6	24,588	42.5	21,665	37.5
1977r	61,671	2,862,782	11,388	18.5	25,736	41.7	22,571	36.6
1978r	60,118	3,310,720	12,558	20.9	25,642	42.7	20,406	34.0
1979r	63,382	4,046,909	13,185	20.8	25,554	40.3	22,996	36.3
1980r	59,062	5,240,372	13,465	22.8	24,703	41.8	19,356	32.8
1981p	59,286	5,525,782	13,362	22.5	25,737	43.4	18,434	31.1

r - revised p - preliminary

(1) Total Deliveries includes amounts used as fuel, losses and metering differences in interprovincial pipelines.

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 74
DISPOSITION OF PROPANE
ALBERTA
1971 - 1981

	Total Mktd Mm3	Gross Value of Sales $000	Deliveries to: Alta. Mm3	% of Total	Other Prov. Mm3	% of Total	United States Mm3	% of Total	Off-shore Mm3	% of Total
1971r	3,427	34,978	613	17.9	830	24.2	1,566	45.7	418	12.2
1972r	4,407	44,110	674	15.3	1,002	22.7	2,245	50.9	486	11.0
1973r	5,111	78,603	633	12.4	1,014	19.8	2,986	58.4	478	9.4
1974r	5,085	177,091	691	13.6	1,165	22.9	2,761	54.3	468	9.2
1975r	4,945	220,495	583	11.8	1,200	24.3	2,713	54.9	450	9.1
1976r	5,512	233,309	534	9.7	1,390	25.2	3,090	56.1	498	9.0
1977r	6,115	284,268	517	8.5	1,432	23.4	3,705	60.6	461	7.5
1978r	4,947	260,123	601	12.1	1,188	24.0	2,759	55.8	399	8.1
1979r	6,367	345,790	666	10.5	1,450	22.8	3,829	60.1	421	6.6
1980r	5,511	466,298	591	10.7	1,458	26.5	3,104	56.3	357	6.5
1981p	5,198	530,285	572	11.0	1,500	28.9	2,768	53.3	358	6.9

r - revised p - preliminary

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 75
DISPOSITION OF BUTANES
ALBERTA
1971 - 1981

	Marketed Butanes Mm3	Total Value of Sales $000	Deliveries to: Alberta Mm3	% of Total	Other Provinces Mm3	% of Total	United States Mm3	% of Total
1971r	2,236	19,389	543	24.3	293	13.1	1,400	62.6
1972r	2,920	26,464	682	23.4	416	14.2	1,823	62.4
1973r	3,205	40,967	769	24.0	551	17.2	1,885	58.8
1974r	3,402	108,409	858	25.2	558	16.4	1,987	58.4
1975r	3,368	144,440	734	21.8	553	16.4	2,082	61.8
1976r	4,041	171,107	1,077	26.7	637	15.8	2,328	57.6
1977r	3,681	211,453	1,116	30.3	578	15.7	1,987	54.0
1978r	3,448	198,742	1,133	32.9	558	16.2	1,757	51.0
1979r	3,765	319,658	1,073	28.5	587	15.6	2,105	55.9
1980r	3,253	423,324	1,099	33.7	399	12.3	1,755	54.0
1981p	3,421	478,934	1,052	30.8	410	12.0	1,960	57.3

r - revised p - preliminary

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 76
DISPOSITION OF ETHANE
ALBERTA
1974 - 1981

	Total Marketed Ethane Mm3	Deliveries to: Alberta Mm3	% of Total	Other Provinces Mm3	% of Total	United States Mm3	% of Total
1974	161	-	-	161	100.0	-	-
1975	193	-	-	193	100.0	-	-
1976	184	-	-	184	100.0	-	-
1977	312	259	83.0	53	17.0	-	-
1978r	1,081	420	38.9	-	-	661	61.1
1979r	3,474	1,014	29.2	-	-	2,460	70.8
1980r	4,289	1,498	34.9	-	-	2,791	65.0
1981p	4,635	1,881	40.6	-	-	2,754	59.4

r - revised p - preliminary - nil

SOURCE: Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 77
DISPOSITION OF SULPHUR
ALBERTA
1971 - 1981

	Total Marketed M Tonnes	Gross Value of Sales $000	Deliveries to: Alberta M Tonnes	% of Total	Other Provinces M Tonnes	% of Total	United States M Tonnes	% of Total	Offshore M Tonnes	% of Total
1971	2,715	19,284	272	10.0	381	14.0	769	28.3	1,293	47.6
1972	3,155	17,738	284	9.0	382	12.1	749	23.7	1,740	55.2
1973	4,064	22,841	298	7.3	362	8.9	804	19.8	2,600	64.0
1974	4,977	67,492	350	7.0	412	8.3	1,107	22.2	3,108	62.5
1975	3,835	86,153	380	9.9	321	8.4	862	22.5	2,272	59.2
1976	3,964	69,291	302	7.6	306	7.7	926	23.4	2,430	61.3
1977	5,137	79,256	355	6.9	337	6.6	1,101	21.4	3,344	65.1
1978r	5,650	99,587	408	7.2	385	6.8	1,111	19.7	3,746	66.3
1979r	6,147	155,255	452	7.4	397	6.5	1,175	19.1	4,123	67.0
1980r	7,489	433,616	485	6.5	364	4.9	1,461	19.5	5,179	69.2
1981p	7,709	626,140	474	6.1	368	4.8	1,532	19.9	5,335	69.2

r - revised p - preliminary

SOURCE Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 78
DISPOSITION OF COAL
ALBERTA
1971 - 1981

	SUB-BITUMINOUS				BITUMINOUS						
			Sales to:				Sales to:				
	Total Sales M Tonnes	Value of Sales $000	Alberta M Tonnes	Other(2) Provinces M Tonnes	Total Sales M Tonnes	Value of Sales $000	Alberta M Tonnes	Other Provinces M Tonnes	United States M Tonnes	Japan M Tonnes	Other(3) Countries M Tonnes
1971	4,008	(1)	3,881	126	3,196	(1)	2	75	5	3,029	84
1972	4,455	10,205	4,286	170	3,401	38,613	31	81	4	3,285	-
1973r	4,480	11,349	4,370	110	4,063	49,500	315	81	213	3,453	-
1974r	5,080	13,232	4,833	248	3,335	71,421	129	327	184	2,672	23
1975r	5,980	17,687	5,212	768	4,145	162,357	145	392	58	3,550	-
1976r	6,322	20,004	5,723	600	4,768	214,657	120	177	195	4,361	111
1977r	7,670	23,252	7,223	447	4,255	192,382	177	27	-	4,007	44
1978r	8,246	(4)	7,781	465	5,194	200,807	148	630	15	3,841	560
1979r	9,407	(4)	9,226	181	5,138	(4)	147	1,630	7	2,522	833
1980r	10,426	(4)	10,249	177	7,448	(4)	432	1,750	-	4,084	1,165
1981p	11,221	(4)	11,144	77	6,775	(4)	591	1,880	-	3,022	1,117

r - revised p - preliminary - nil

(1) Unavailable prior to 1972

(2) Includes sales of small amounts to the U.S. in 1971 and 1974.

(3) Includes Argentina, Brazil, Chile, Germany, India and Korea, Mexico and Taiwan.

(4) Confidential

SOURCE Energy Resources Conservation Board, "Alberta Energy Resource Industries, Annual Report."

TABLE 79
REMAINING ESTABLISHED RESERVES OF LIQUID HYDROCARBONS AT YEAR END
CANADA AND SELECTED PROVINCES
1971 - 1981

(Thousands of Cubic Metres)

	1971	1974	1975	1976	1977	1978	1979	1980	1981
Crude Oil									
Alberta	1,168,066	1,009,294	913,550	856,671	957,152	931,603	908,403	779,980	718,848
British Columbia	39,496	25,527	23,278	21,499	24,351	22,812	27,588	25,898	25,904
Saskatchewan	100,213	89,984	106,738	102,546	119,439	117,214	117,723	117,752	117,045
Manitoba	8,806	6,481	5,801	5,809	6,474	6,330	5,678	5,195	4,962
Northwest Territories	6,980	6,483	6,324	6,152	10,761	10,598	21,148	21,009	20,860
Total Western Canada	1,323,561	1,137,768	1,055,691	992,677	1,118,177	1,088,557	1,080,540	949,834	887,619
East Coast Offshore (1)	-	-	-	-	-	-	-	-	175,000
Total Eastern Canada	633	1,798	1,524	1,623	2,102	1,501	1,464	1,394	956
Total	1,324,194	1,139,566	1,057,215	994,300	1,120,279	1,090,058	1,082,004	951,228	1,063,575
Natural Gas Liquids									
Alberta	283,452	245,249	241,439	232,420	212,281*	214,676*	192,344	181,759	173,067
British Columbia	5,807	5,961	5,670	6,537	5,055	4,985	4,896	4,886	5,997
Saskatchewan	1,454	1,163	1,290	1,231	1,739	1,620	1,496	1,312	1,195
Northwest Territories	-	5,085	3,632	5,501	8,435	8,381	8,302	15,189	13,534
Total	290,713	257,458	252,037	245,689	227,510	229,662	207,038	203,146	193,793
Total Liquid Hydrocarbons In Canada	1,614,908	1,397,024	1,309,252	1,239,989	1,347,789	1,319,720	1,289,042	1,154,374	1,257,368

(1)Crude Oil Reserves first reported for Eastcoast Offshore in 1981.
* Excludes straddle plant recovery of Natural Gas Liquids.

SOURCE: Canadian Petroleum Association, "Statistical Handbook."

TABLE 80
REMAINING ESTABLISHED RESERVES OF MARKETABLE NATURAL GAS AT YEAR END
CANADA AND SELECTED PROVINCES
1971 - 1981

(Millions of Cubic Metres at 101.325 0 kilopascal (kPa) and 15 C)

	1971	1974	1975	1976	1977	1978	1979	1980	1981
Alberta	1,223,179	1,222,102	1,276,973	1,285,415	1,478,270*	1,549,716*	1,646,392	1,661,442	1,723,130
British Columbia	270,882	205,807	192,702	188,542	209,704	218,365	207,363	208,694	222,280
Saskatchewan	22,898	27,400	25,282	23,859	33,141	35,333	35,431	33,651	32,557
Northwest Territories	37,930	135,673	102,742	135,943	500,345	509,360	597,953	579,776	576,255
Total Western Canada	1,554,889	1,590,982	1,287,785	1,633,758	2,221,460	2,312,774	2,487,139	2,483,563	2,554,222
Total Eastern Canada	7,693	6,711	7,507	8,277	9,382	9,439	8,918	8,301	8,751
TOTAL	1,562,582	1,597,694	1,605,206	1,642,035	2,230,842	2,322,213	2,496,057	2,491,864	2,562,973

* Before adjustment for straddle processing shrinkage and fuel.

SOURCE: Canadian Petroleum Association, "Statistical Handbook."

TABLE 81
OIL INDUSTRY STATISTICS
ALBERTA
1971 - 1980

	1971	1973	1974	1975	1976	1977	1978	1979	1980
Footage Drilled(Mm)									
Development	1,219	2,062	2,073	2,191	2,917	2,930	3,349	3,840	4,716
Exploration	1,227	1,792	1,583	1,458	1,958	2,320	2,777	3,073	3,703
Totals	2,446	3,854	3,656	3,649	4,875	5,250	6,126	6,913	8,419
Well Completions									
Totals (Number)	2,025	3,513	3,491	3,646	5,041	5,130	5,573	5,780	7,048
Total Oil	362	581	638	664	552	702	944	1,250	1,606
Total Gas	691	1,374	1,668	1,871	3,101	2,952	3,090	3,177	3,895
Total Dry (1)	972	1,558	1,183	1,111	1,388	1,476	1,539	1,353	1,547
Producing Oil Wells (Number)	14,065	14,368	14,819	15,177	15,663	16,224	16,871	17,673	18,833
Producing Gas Wells(Number)	3,426	4,536	5,344	6,670	9,010	12,529	14,897	17,173	19,546
Capped Gas Wells(Number)	1,801	2,551	3,469	3,935	4,864	6,023	6,686	8,268	10,094
Expenditure on Expl. & Dev. ($ 000,000)	648	697	871	1,018	1,503	2,159	2,865	4,060	5,668
Crude Oil Production (2) (Mm3)	56,901	83,171	79,228	67,625	61,023	60,636	60,138	68,651	63,306
Average Daily (Mm3)	156	228	217	185	167	166	165	188	173
Oil Sands Production (Mm3)	2,451	2,906	2,654	2,474	2,779	2,611	3,239	5,329	7,410
Average Daily (m3)	6,716	7,962	7,271	6,778	7,614	7,153	8,874	14,600	20,301
Experimental Crude Oil Production(Mm3)	15	71	73	199	440	486	486	453	581
Distribution of Crude Oil & Pentanes Plus (Mm3)									
British Columbia	3,379	4,693	5,161	5,667	6,198	6,434	6,540	7,518	7,465
Alberta	7,203	9,690	10,412	11,895	12,795	13,896	14,149	16,076	16,078
Other Prairie Provinces	3,900	3,865	4,236	3,306	2,865	2,716	2,743	3,268	3,679
Eastern Canada	14,681	19,361	25,288	21,116	25,898	33,914	35,762	40,813	41,181
United States	36,821	58,081	45,993	36,533	23,264	13,880	11,352	13,542	8,688
Total (3)	66,124	95,717	91,103	78,576	71,015	70,779	70,549	81,172	77,107
Natural Gas Production (MMm3)	59,473	73,488	73,575	74,021	74,922	78,337	77,702	82,512	77,438
Consumed in Alberta	7,125	8,221	8,599	9,163	9,603	11,388	12,588	13,185	13,465
Consumed Outside Alberta (4)	39,051	46,245	46,636	46,956	48,228	50,282	47,530	50,197	45,597
Gas Products Production (5)									
Propane (Mm3)	3,672	5,167	5,083	5,359	5,240	5,342	5,051	5,543	5,295
Butanes (Mm3)	2,401	3,361	3,372	3,502	3,436	3,500	3,212	3,471	3,250
Pentanes Plus (Mm3)	7,072	9,427	9,012	8,444	7,421	7,344	6,561	6,472	5,891
Sulphur (M tonnes)	4,558	7,087	6,842	6,461	6,328	6,396	6,315	6,148	6,013
Sales (M tonnes)	2,715	4,064	4,977	3,835	3,964	5,137	5,650	6,147	7,497
Crown P.&N.G. Reservations									
At December 31 (Number)	796	1,009	1,014	929	824	543	329	224	147
(M ha)	9,004	10,947	9,562	8,231	6,809	4,460	2,372	1,588	1,106
Crown P.&N.G. Permits									
At December 31 (Number)	272	355	288	124	99	38	1	0	0
(M ha)	1,816	1,615	940	414	310	110	4	0	0
Crown P.&N.G. Leases									
At December 31 (Number)	33,608	34,991	37,042	38,235	39,881	29,680	40,844	42,966	33,793
(M ha)	17,880	19,024	20,530	21,679	23,674	20,407	20,298	21,209	18,089
Crown Natural Gas Licenses									
At December 31 (Number)	36	57	69	88	231	53	39	12	15
(M ha)	214	349	398	506	1,081	342	273	75	92
Crown P.&N.G. Licenses									
At December 31 (Number)	-	-	-	-	-	643	971	1,522	2,220
(M ha)	-	-	-	-	-	2,039	2,894	4,284	5,782

NOTE: Standing wells (non-classified) are not included.

(1) Includes potential, suspended, water supply, and LPG and service wells where applicable.

(2) Includes condensate.

(3) Includes losses and adjustments in interprovincial pipelines and Sarnia storage (There was a net gain in 1976, 1977 and 1979).

(4) Includes Ex-Alberta pipelines fuel, losses and metering difference.

(5) From natural gas processing plants and, for sulphur, from oil sands plants also.

SOURCE: Alberta Energy and Natural Resources, Energy Resources Conservation Board and Canadian Petroleum Association.

TABLE 82
NET CASH EXPENDITURE OF THE PETROLEUM INDUSTRY
ALBERTA
1971 - 1980

($ Millions)

	1971	1973	1974	1975	1976	1977	1978	1979	1980
EXPLORATION									
Geological & Geophysical	65.5	70.7	112.4	99.0	145.5	223.4	350.3	349.7	452.3
Drilling	80.8	131.4	146.5	149.1	256.5	394.7	644.5	1,027.5	1,623.3
Land Acquisitions & Rentals	125.9	144.3	157.3	207.9	255.5	679.9	740.5	1,144.7	1,224.6
Other	-	-	-	-	-	-	-	-	-
Total	272.2	346.4	416.2	456.0	657.5	1,298.0	1,735.3r	2,521.9	3,300.2
DEVELOPMENT									
Drilling	55.1	101.7	136.4	212.3	277.2	351.2	477.4	679.2	1,093.0
Field Equipment	75.5	127.4	152.8	181.0	368.2	298.1	385.1	476.3	666.5
Natural Gas Plants	214.0	65.3	126.1	123.8	155.0	143.8	165.9	204.7	256.5
Other	31.1	56.3	40.1	44.9	45.2	68.1	100.8	178.1	351.9
Total	376.1	350.7	455.4	562.0	845.6	861.2	1,129.2	1,538.3	2,367.9
OPERATING									
Wells Including Flow Lines & Related Facilities	140.1	215.1	241.4	328.3	413.7	466.5	573.8r	778.0	950.7
Natural Gas Plants	82.7	110.7	131.6	165.9	201.4	240.8	278.5	314.3	354.0
Taxes (Excluding Income Tax)	15.2	19.2	58.7	75.1	96.9	89.6	101.7	115.0	134.2
Other	38.4	43.5	56.7	70.9	114.4	114.0	149.4	166.1	235.9
Total	276.4	388.5	488.4	640.2	826.4	910.9	1,103.4r	1,373.4	1,674.8
ROYALTIES(1)	190.4	422.6	1,107.2	1,477.7	1,974.1	2,398.9	3,054.9	3,623.3	3,920.3
TOTAL EXPENDITURES	1,115.1	1,508.2	2,467.2	3,135.9	4,303.6	5,469.0	7,022.8r	9,056.9	11,263.2

(1) Net of incentives credits where applicable.

SOURCE: Canadian Petroleum Association, "Statistical Handbook."

TABLE 83
NET CASH EXPENDITURES OF THE PETROLEUM INDUSTRY
ALBERTA OIL SANDS EXPLORATION AND DEVELOPMENT
1947 - 1980

($ Millions)

	1947-75	1976	1977	1978	1979	1980
Capital Expenditures (1)	1,129.2	623.0	550.3	399.8	245.2	430.5
Operating Costs (2)	469.5	176.1	303.5	609.8	596.0	1,019.3
Total Oil Sands Expenditure	1,598.7	799.1	853.8	1,009.6	841.0	1,449.8

(1) Including exploratory and delineation drilling, research and development, fixed installations, machinery and equipment, housing, pollution control equipment, etc.

(2) Including taxes, royalties, administration expense, land acquistion and retention costs, reclamation cost, other operating costs, etc.

SOURCE: Canadian Petroleum Association, "Statistical Handbook."

TABLE 84
PRODUCTION OF TIMBER PRODUCTS
ALBERTA
1971/72 - 1980/81

(Thousands of Cubic Meters)

	1971/72	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81
Lumber and Plywood Logs							
Coniferous	2,288.9	2,140.9	2,580.0	2,882.3	2,936.3	3,911.0	3,795.0
Deciduous	-	24.2	28.6	11.6	25.0	17.9	106.0
Round Timber	59.2	98.6	181.2	217.0	81.6	171.3	526.0
Pulpwood	765.4	1,730.6	1,581.4	1,651.2	1,547.7	1,588.6	1,328.7
Woodchips	53.8	161.4	317.2	538.1	880.8	798.6	790.0
Fuelwood	12.0	12.0	50.5	48.1	60.2	67.4	66.4
Slabs	--	--	--	--	--	--	--
Railway Ties	31.9	48.2	35.1	27.4	21.4	13.7	23.5
Lath	1.0	1.0	-	1.0	--	--	--
Trees							
Christmas Trees (No.)	17	18	18	24	31	34	37
Transplants (No.)	1	27	38	29	61	215	36
TOTAL VOLUME	3,212.6	4,217.3	4,774.4	5,377.4	5,553.6	6,568.6	6,635.6

-- Number too small to be expressed.

NOTE:Component items may not add to totals due to rounding.

SOURCE: Alberta Energy and Natural Resources, "Annual Report"

TABLE 85
VALUE OF TIMBER PRODUCTS
ALBERTA
1971/72 - 1980/81

($ Thousands)

	1971/72	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81
Lumber and Plywood Logs							
Coniferous	44,264	57,757	88,157	117,805	140,726	192,951	154,946
Deciduous	845	394	466	244	524	355	3,340
Round Timber	1,108	3,378	6,782	8,809	3,891	10,285	43,897
Pulpwood	5,716	20,453	19,810	20,915	19,604	27,032	23,146
Woodchips	318	1,133	2,236	6,845	11,181	5,918	8,090
Fuelwood	55	47	205	587	749	1,204	1,243
Slabs	4	2	2	4	3	1	-
Railway Ties	573	1,767	1,461	1,307	1,234	880	1,515
Lath	79	109	-	161	40	19	30
Trees							
Christmas Trees	51	55	53	72	92	103	112
Transplants	3	54	75	57	123	430	73
TOTAL VALUE	53,016	85,149	119,247	156,809	178,167	239,179	236,391

-- Number too small to be expressed.

NOTE: Component items may not add to totals due to rounding.

SOURCE: Alberta Energy and Natural Resources, "Annual Report."

TABLE 86
ELECTRIC UTILITIES' AND INDUSTRIAL ESTABLISHMENTS' REVENUE FROM THE SALE OF ELECTRICITY
ALBERTA
1971 - 1980

($ Thousands)

	General Service(1)	Domestic & Farm	Street Lighting	Total Sales To Ultimate Customers	Sales To Other Provinces	Total Sales
1971	81,979	43,335	4,219	129,533	1,225	130,758
1975	165,151	76,805	6,679	248,635	155	248,790
1976	219,154	98,102	8,342	325,598	1,357	326,955
1977	259,818	120,500	10,814	391,132	2,476	393,608
1978	327,802	152,252	14,229	494,283	575	494,858
1979r	382,206	177,148	15,732	575,086	3,929	579,015
1980p	424,880	198,718	17,831	641,429	3,252	644,681

r - revised p - preliminary
(1) Excludes sales to industrial establishments with generating and / or distributing facilities.
SOURCE: Statistics Canada, "Electric Power Statistics," Catalogue No. 57-202.

TABLE 87
SUPPLY OF ELECTRICAL ENERGY
ALBERTA
1971 - 1981

(Megawatt Hours)

	Total Generation	From USA	Received From Other Provinces	Total Supply	Delivered To Other Provinces	Available For Use In Alberta
1971	11,097,564	1,149	2,556	11,101,269	154,283	10,946,986
1975	15,099,896	1,596	297,411	15,398,903	153,207	15,245,696
1976	15,924,251	1,661	430,316	16,356,228	115,979	16,240,249
1977	17,728,170	1,768	142,513	17,872,451	396,103	17,476,348
1978	19,161,946	1,884	227,182	19,391,012	279,620	19,111,392
1979	21,602,814	1,910	106,146	21,710,870	394,947	21,315,923
1980r	23,391,305	1,903	105,319	23,498,527	385,442	23,133,085
1981p	24,501,248	2,095	168,770	24,672,113	261,694	24,410,419

r - revised p - preliminary
SOURCE: Statistics Canada, "Electric Power Statistics," Catalogue No. 57-202.

TABLE 88
DISPOSAL OF ELECTRICAL ENERGY
ALBERTA
1971 - 1981

(Gigawatt Hours)

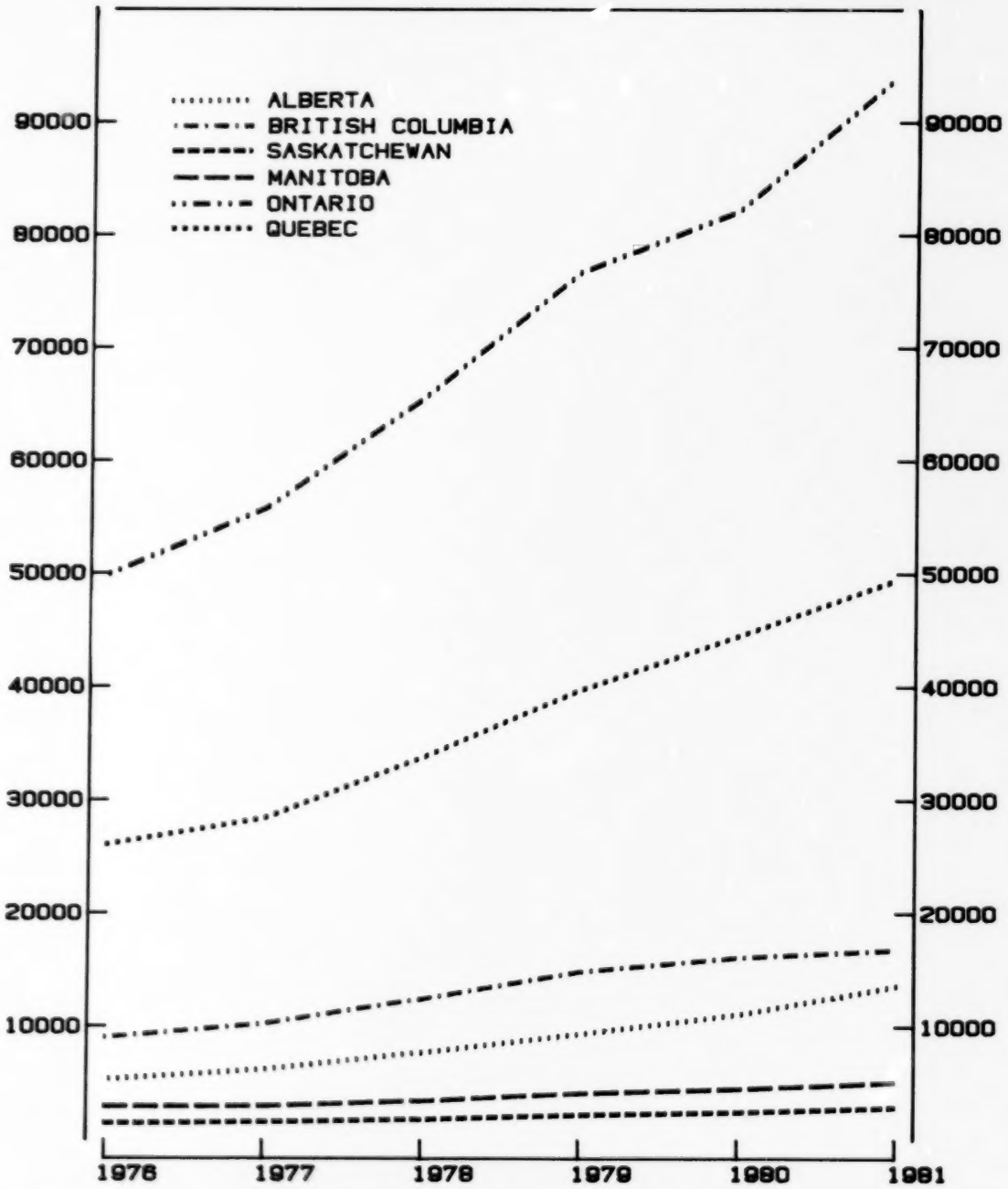
	General Service(1)									
	Loads Under 5 MW	Loads Over 5 MW	Domestic & Farm	Street Lighting	Total Sales To Ultimate Customers	Used In Plant	Losses & Unaccounted For	Deliveries In Alberta	Delivered To Other Provinces	Total Deliveries
1971	4,051	1,905	2,520	156	8,631	1,141	1,176	10,947	154	11,101
1975	6,801	1,919	3,489	204	12,413	1,405	1,428	15,246	153	15,399
1976	7,284	2,092	3,722	216	13,314	1,484	1,442	16,240	116	16,356
1977	7,549	2,499	3,959	241	14,247	1,470	1,759	17,476	396	17,872
1978	8,232	2,648	4,449	263	15,592	1,841	1,679	19,111	280	19,391
1979	8,797	4,107	4,911	253	18,067	1,157	2,091	21,316	395	21,711
1980	9,649	3,772	4,982	266	18,670	1,998	2,083	23,113	385	23,499
1981p	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24,410	262	24,672

p - preliminary
(1) Excludes sales to industrial establishments with generating and / or distributing facilities.
SOURCE: Statistics Canada, "Electric Power Statistics," Catalogue No. 57-202.

GRAPH 12

ESTIMATED VALUE OF MANUFACTURING SHIPMENTS SELECTED PROVINCES, 1976 - 1981

($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 31-001

TABLE 89
ESTIMATED VALUE OF MANUFACTURING SHIPMENTS
CANADA AND SELECTED PROVINCES
1971 - 1981

($ Thousands)

	Alta.	B.C.	Sask.	Man.	Ont.	Que.	Canada
1971	2,080,706	4,237,000	578,768	1,345,587	26,270,088	13,834,311	50,274,000
1972	2,425,353	5,020,587	645,814	1,509,472	29,237,489	15,091,461	56,246,200
1973	2,973,329	6,394,065	809,358	1,840,196	34,300,652	17,541,743	66,757,400
1974	3,821,306	7,411,083	1,045,160	2,279,697	41,404,481	22,396,274	82,454,200
1975	4,726,642	7,326,463	1,176,472	2,580,906	44,422,865	23,966,501	88,458,700
1976	5,215,566	8,855,631	1,213,285	2,766,022	49,851,283	25,802,108	98,284,700
1977	6,020,160	10,060,500	1,299,554	2,818,399	55,622,210	28,076,972	108,997,400
1978r	7,427,609	12,234,908	1,513,430	3,281,559	65,216,061	33,441,245	129,295,100
1979r	8,946,690	14,624,977	1,864,513	3,916,050	76,291,386	39,361,231	152,474,700
1980r	10,572,255	15,877,797	2,067,684	4,298,599	81,630,903	44,095,226	166,957,800
1981p	12,958,117	16,534,310	2,427,439	4,860,638	93,310,164	49,000,023	188,212,400
			(Percent Change)				
1971/72	16.6	18.5	11.6	12.2	11.3	9.1	11.9
1972/73	22.6	27.4	25.3	21.9	17.3	16.2	18.7
1973/74	28.5	15.9	29.1	23.9	20.7	27.7	23.5
1974/75	23.7	-1.1	12.6	13.2	7.3	7.0	7.3
1975/76	10.3	20.9	3.1	7.2	12.2	7.7	11.1
1976/77	15.4	13.6	7.1	1.9	11.6	8.8	10.9
1977/78r	23.4	21.6	16.3	16.4	17.3	19.0	18.6
1978/79r	20.5	19.5	23.2	19.3	17.0	17.7	17.9
1979/80r	18.2	8.6	10.9	9.8	7.0	12.0	9.5
1980/81p	22.6	4.1	17.4	13.1	14.3	11.1	12.7

r - revised p - preliminary

SOURCE: Statistics Canada, "Inventories, Shipments and Orders in Manufacturing Industries." Catalogue No.'s 31-527 and 31-001.

TABLE 90
ESTIMATED VALUE OF SELECTED MANUFACTURING INDUSTRIES SHIPMENTS
ALBERTA
1971 - 1981

($ Thousands)

Industry	1971	1976	1977	1978r	1979r	1980r	1981p
Food & Beverage Products	883,856	1,714,906	2,059,478	2,424,228	2,824,703	3,073,417	3,434,247
Rubber & Plastic Products	29,195	68,897	N/A	N/A	N/A	N/A	N/A
Leather Products	N/A	11,426	12,152	16,881	N/A	N/A	N/A
Textile Products	15,322	40,659	52,243	60,114	61,873	77,563	101,140
Wood Products	128,361	295,642	329,500	388,278	445,882	450,968	575,883
Furniture & Fixtures	19,619	55,301	58,936	69,442	90,810	108,828	142,799
Paper & Allied Products	61,076	197,383	210,419	241,345	282,650	326,585	375,737
Printing,Publishing & Allied Products	69,089	162,886	191,716	241,453	298,304	368,994	449,778
Primary Metal Products	126,121	270,001	292,071	374,696	512,812	664,620	796,040
Metal Fabricating Products	137,544	328,518	334,339	442,022	581,110	652,790	791,241
Machinery	41,176	149,972	155,844	240,069	314,871	517,980	666,589
Transportation Equipment	87,828	224,179	165,121	189,768	168,800	190,363	251,307
Electrical Products	30,717	77,189	87,001	75,183	86,513	112,503	117,566
Non-Metallic Mineral Products	120,322	298,957	336,514	460,184	549,507	570,779	704,482
Petroleum & Coal Products	205,231	913,605	1,151,356	1,407,814	1,700,612	2,061,845	2,835,139
Chemical & Chemical Products	124,575	312,127	416,583	609,403	755,193	1,085,719	1,349,070
Miscellaneous Manufacturers	15,949	36,781	43,482	51,665	63,744	77,353	104,609
TOTAL	2,080,706	5,215,566	6,020,160	7,427,609	8,946,690	10,572,255	12,958,117

r - revised p - preliminary

NOTE: Individual items do not sum to totals due to rounding, estimating procedures, and the fact that the totals may consist of more items than displayed.

SOURCE: Statistics Canada, "Inventories, Shipments and Orders in Manufacturing Industries." Catalogue No.'s 31-527 and 31-001.

TABLE 91
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA
1979

	TOTAL ACTIVITY					MANUFACTURING ACTIVITY			
	Establishments	Employees			Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value Added	Value of Shipments of Goods of Own Manufacture
	No.	Male No.	Female No.	Total No.	$000	$000	$000	$000	$00
FOOD AND BEVERAGE INDUSTRIES	420	12,140	3,448	15,588	254,514	22,405	2,256,241	560,319	2,824,6
Meat & Poultry Products Industries	73	4,692	1,397	6,089	100,503	5,261	1,483,185	196,601	1,683,9
Slaughtering & Meat Processors	68	4,347	842	5,189	87,870	4,682	1,429,247	175,286	1,601,8
Poultry Processors	5	345	555	900	12,833	579	53,918	21,315	74,0
Fish Products Industry	-	-	-	-	-	-	-	-	
Fruit & Vegetable Processing Inds.	6	x	x	x	x	x	x	x	
Fruit & Veg. Canners & Preservers	3	x	x	x	x	x	x	x	
Frozen Fruit & Vegetable Processors	3	x	x	x	x	x	x	x	
Dairy Products Industry	45	1,761	395	2,156	35,557	3,161	185,589	65,826	250,5
Flour & Breakfast Cereal Products	6	403	64	467	6,833	545	65,143	11,977	77,1
Feed Industry	75	853	109	962	15,084	2,921	149,794	34,252	186,2
Bakery Products Industries	185	x	x	x	x	x	x	x	
Biscuit Mfrs.	1	x	x	x	x	x	x	x	
Bakeries	184	1,161	648	1,809	25,995	1,145	34,392	42,433	77,9
Miscellaneous Food Industries	25	1,183	402	1,585	25,801	-	238,048	82,905	321,9
Confectionery Mfrs.	3	x	x	x	x	x	x	x	
Cane & Beet Sugar Processors	1	x	x	x	x	x	x	x	
Vegetable Oil Mills	4	x	x	x	x	x	x	x	
Misc. Food Processors, N.E.S.	17	576	265	841	12,663	1,605	68,309	52,624	119,5
Beverage Industries	25	1,770	295	2,065	38,248	3,365	69,802	110,096	179,6
Soft Drink Mfrs.	15	885	185	1,070	17,175	1,150	29,761	32,205	62,3
Distilleries	3	x	x	x	x	x	x	x	
Breweries	5	668	59	727	16,018	1,038	21,572	43,695	65,5
Wineries	2	x	x	x	x	x	x	x	
RUBBER & PLASTICS PRODUCTS INDUSTRIES	61	1,230	310	1,540	23,345	1,450	61,921	45,395	106,2
Rubber Products Industries	4	x	x	x	x	x	x	x	
Tire & Tube Mfrs.	1	x	x	x	x	x	x	x	
Rubber Footwear Mfrs.	-	-	-	-	-	-	-	-	
Miscellaneous Rubber Products Mfrs.	3	x	x	x	x	x	x	x	
Plastics Fabricating Industry, N.E.S.	57	x	x	x	x	x	x	x	
LEATHER INDUSTRIES	13	x	x	x	x	x	x	x	
Leather Tanneries	3	x	x	x	x	x	x	x	
Shoe Factories	1	x	x	x	x	x	x	x	
Leather Glove Factories	2	x	x	x	x	x	x	x	
Luggage, Handbag etc. Mfrs.	7	x	x	x	x	x	x	x	
Misc. Leather Products Mfrs.	7	x	x	x	x	x	x	x	
TEXTILE INDUSTRIES	35	363	392	755	10,573	-	33,572	29,042	62,3
Cotton Yarn & Cloth Mills	-	-	-	-	-	-	-	-	
Wool Yarn & Cloth Mills	2	x	x	x	x	x	x	x	
Man-Made Fibre, Yarn & Cloth Mills	1	x	x	x	x	x	x	x	
Fibre & Filament Yarn Mfrs.	1	x	x	x	x	x	x	x	
Throwsters, Spun Yarn & Cloth Mills	-	-	-	-	-	-	-	-	
Carpet, Mat & Rug Industry	1	x	x	x	x	x	x	x	
Canvas Products, Cotton & Jute Bags	10	x	x	x	x	x	x	x	
Cotton & Jute Bags Mfrs.	1	x	x	x	x	x	x	x	
Canvas Products Mfrs.	9	73	112	185	2,649	52	5,199	5,045	10,2
Miscellaneous Textile Industries	20	91	159	250	2,871	37	5,082	3,909	9,0
Embroidery, Pleating & Hemstitching	3	7	17	24	255	-	111	305	4
Misc. Textile Industries, N.E.S.	16	x	x	x	x	x	x	x	
KNITTING MILLS	2	x	x	x	x	x	x	x	
Knitting Mills (except Hosiery Mills)	2	x	x	x	x	x	x	x	
Other Knitting Mills	2	x	x	x	x	x	x	x	

TABLE 91 (Continued)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA
1979

	TOTAL ACTIVITY					MANUFACTURING ACTIVITY			
	Establishments	Employees			Salaries Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value Added	Value of Shipments of Goods of Own Manufacture
	No.	Male No.	Female No.	Total No.	$000	$000	$000	$000	$000
CLOTHING INDUSTRIES	33	358	1,616	1,974	24,210	384	30,083	45,154	78,069
Men's Clothing Industries	22	x	x	x	x	x	x	x	x
Men's Clothing Factories	21	305	1,356	1,661	20,744	342	26,126	39,235	68,436
Women's Clothing Industries	4	x	x	x	x	x	x	x	x
Women's Clothing Factories	4	x	x	x	x	x	x	x	x
Fur Goods Industry	2	x	x	x	x	x	x	x	x
Miscellaneous Clothing Industries	5	x	x	x	x	x	x	x	x
Hat & Cap Industry	3	x	x	x	x	x	x	x	x
Misc. Clothing Inds., N.E.S.	2	x	x	x	x	x	x	x	x
WOOD INDUSTRIES	200	6,125	842	6,967	111,669	-	234,350	210,345	445,880
Sawmills, Planing & Shingle Mills	50	2,296	214	2,510	40,958	5,450	74,852	94,900	168,461
Sawmills & Planing Mills	50	2,296	214	2,510	40,958	5,450	74,852	94,900	168,461
Veneer & Plywood Mills	3	x	x	x	x	x	x	x	x
Sash, Door & Other Millwork Plants	112	3,048	456	3,504	56,516	1,198	126,952	83,097	211,695
Sash, Door & Other Millwork, N.E.S.	54	835	109	944	14,772	497	29,841	24,451	54,850
Pre-fabricated Bldgs. (Wood Frame)	16	1,548	198	1,746	29,445	401	84,248	38,468	123,608
Mfrs. of Wooden Kitchen Cabinets	42	665	149	814	12,299	300	12,863	20,178	33,236
Wooden Box Factories	7	x	x	x	x	x	x	x	x
Coffin & Casket Industry	4	33	14	47	457	7	695	658	1,311
Miscellaneous Wood Industries	24	380	67	447	5,380	441	12,703	11,234	24,478
Wood Preservation Industry	8	193	12	205	3,048	386	8,474	8,122	17,075
Misc. Wood Industries, N.E.S.	16	187	55	242	2,333	55	4,228	3,112	7,403
FURNITURE & FIXTURE INDUSTRIES	139	1,590	554	2,144	28,059	606	40,750	50,142	90,809
Household Furniture Mfrs.	103	785	318	1,103	12,479	232	17,355	19,954	37,164
Furniture Re-upholstery & Repair	67	275	83	358	3,275	-	4,849	4,040	8,888
Household Furniture Mfrs. N.E.S.	36	510	235	745	9,203	232	12,506	15,914	28,276
Office Furniture Mfrs.	11	378	99	477	6,477	155	8,361	13,000	21,315
Misc. Furniture & Fixture Mfrs.	25	427	137	564	9,104	220	15,042	17,188	32,330
PAPER & ALLIED INDUSTRIES	30	2,174	401	2,575	46,726	10,683	156,488	114,251	282,794
Pulp & Paper Mills	5	1,247	142	1,389	28,133	8,996	88,884	70,588	170,110
Asphalt Roofing Mfrs.	3	210	15	225	3,753	823	28,800	17,337	46,434
Paper-Box & Bag Mfrs.	14	x	x	x	x	x	x	x	x
Folding Carton & Set-up Box Mfrs.	1	x	x	x	x	x	x	x	x
Corrugated Box Mfrs.	7	386	78	464	7,412	386	20,264	13,180	34,720
Paper & Plastic Bag Mfrs.	6	222	109	331	4,834	299	13,774	7,988	21,463
Miscellaneous Paper Converters	8	x	x	x	x	x	x	x	x
PRINTING, PUBLISHING & ALLIED INDS.	311	4,086	2,321	6,407	100,336	1,455	98,930	198,642	298,301
Commercial Printing	169	1,818	824	2,642	43,076	704	48,685	70,417	119,057
Platemaking, Typesetting etc. Inds.	27	213	164	377	5,253	63	3,161	8,276	11,529
Publishing Only	40	116	124	240	2,911	-	4,241	4,763	8,998
Publishing & Printing	75	1,939	1,209	3,148	49,096	688	42,843	115,186	158,716
PRIMARY METAL INDUSTRIES	26	3,600	247	3,937	77,453	11,908	301,273	214,188	512,816
Iron & Steel Mills	4	x	x	x	x	x	x	x	x
Steel Pipe & Tube Mills	4	943	26	969	18,837	1,150	116,822	47,624	156,615
Iron Foundries	7	551	30	581	9,396	658	13,947	24,294	36,406
Smelting & Refining	1	x	x	x	x	x	x	x	x
Aluminum Rolling, Casting & Extruding	4	x	x	x	x	x	x	x	x
Metal Rolling, Casting Etc., N.E.S.	6	64	8	72	1,001	-	5,601	1,188	6,728

TABLE 91 (Continued)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA
1979

	TOTAL ACTIVITY					MANUFACTURING ACTIVITY			
	Establishments	Employees			Salaries Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value Added	Value of Shipments of Goods of Own Manufacture
	No.	Male No.	Female No.	Total No.	$000	$000	$000	$000	$000
METAL FABRICATING INDUSTRIES	335	8,264	1,051	9,315	167,198	4,682	291,670	289,831	575,402
Boiler & Plate Works	14	717	53	770	13,974	680	28,054	22,954	50,235
Fabricated Structural Metal Industry	34	2,314	197	2,511	52,571	1,202	61,405	73,085	129,985
Ornamental & Architectural Metal Inds.	71	1,405	386	1,791	25,482	784	60,575	49,015	109,688
Metal Door & Window Mfrs.	33	930	316	1,246	16,621	588	44,623	35,006	79,713
Ornamental & Architect Metal, N.E.S.	38	475	70	545	8,861	196	15,952	14,008	29,975
Metal Stamping, Pressing & Coating	64	1,368	161	1,529	25,872	709	83,357	53,145	134,517
Metal Coating Industry	12	191	18	209	3,779	207	1,980	7,174	9,301
Metal Stamping & Pressing Industry	52	1,177	143	1,320	22,093	502	81,377	45,971	125,216
Wire & Wire Products Mfrs.	11	391	46	437	6,897	203	16,344	9,976	26,711
Hardware, Tool & Cutlery Mfrs.	17	139	34	173	2,873	30	2,189	3,680	5,905
Heating Equipment Mfrs.	4	204	24	228	3,693	-	5,678	9,523	15,371
Machine Shops	84	1,086	86	1,172	24,248	-	15,965	49,388	65,778
Miscellaneous Metal Fabricating Inds.	36	640	64	704	11,589	381	18,104	19,067	37,212
MACHINERY INDUSTRIES	134	5,037	479	5,516	98,726	-	150,773	166,766	314,998
Agricultural Implement Industry	23	621	46	667	8,832	442	20,452	16,679	36,834
Misc. Machinery & Equipment Mfrs.	109	x	x	x	x	x	x	x	x
Commercial Refrig. & Air Cond. Mfrs.	1	x	x	x	x	x	x	x	x
Office & Store Machinery Mfrs.	1	x	x	x	x	x	x	x	x
TRANSPORTATION EQUIPMENT INDUSTRIES	82	2,859	482	3,341	55,831	1,251	96,854	73,242	167,010
Aircraft & Aircraft Parts Mfrs.	14	531	110	641	11,850	-	9,008	13,248	20,750
Motor Vehicle Mfrs.	-	258	42	300	6,660	-	-	-	-
Truck Body & Trailer Mfrs.	52	x	x	x	x	x	x	x	x
Truck Body Mfrs.	14	507	41	548	8,856	189	11,816	13,754	25,639
Non-Commercial Trailer Mfrs.	29	973	235	1,208	18,318	448	64,018	30,012	92,859
Commercial Trailer Mfrs.	9	x	x	x	x	x	x	x	x
Motor Vehicle Parts & Accessories	4	x	x	x	x	x	x	x	x
Railroad Rolling Stock Industry	-	-	-	-	-	-	-	-	-
Boatbuilding & Repair	8	66	9	75	1,027	24	1,720	2,455	4,066
Miscellaneous Vehicle Mfrs.	4	x	x	x	x	x	x	x	x
ELECTRICAL PRODUCTS INDUSTRIES	43	1,392	692	2,084	33,106	723	50,302	40,005	86,527
Mfrs. of Small Electrical Appliances	1	x	x	x	x	x	x	x	x
Mfrs. of Major Appliances	-	211	55	266	4,318	-	-	-	-
Mfrs. of Lighting Fixtures	5	x	x	x	x	x	x	x	x
Mfrs. of Household Radio & T.V.	1	x	x	x	x	x	x	x	x
Communications Equipment Mfrs.	17	278	394	672	9,805	94	14,023	15,687	27,703
Mfrs. Electrical Industrial Equipment	13	454	131	585	9,780	178	10,375	9,182	19,266
Mfrs. of Electric Wire & Cable	2	x	x	x	x	x	x	x	x
Mfrs. of Misc. Electrical Products	4	x	x	x	x	x	x	x	x
Battery Mfrs.	2	x	x	x	x	x	x	x	x
Mfrs. Misc. Electrical Prods., N.E.S.	2	x	x	x	x	x	x	x	x
NON-METALLIC MINERAL PRODUCTS INDUSTRIES	161	5,460	652	6,112	117,112	23,257	244,530	286,253	549,513
Clay Products Mfrs.	14	330	42	372	6,901	-	5,998	9,625	15,855
Clay Products Mfrs. (Domestic Clay)	10	x	x	x	x	x	x	x	x
Clay Products Mfrs. (Imported Clay)	4	x	x	x	x	x	x	x	x
Cement Mfrs.	4	x	x	x	x	x	x	x	x
Stone Products Mfrs.	6	49	5	54	612	-	780	949	1,729
Concrete Products Mfrs.	44	1,532	94	1,626	30,435	1,952	50,697	65,510	117,975
Concrete Pipe Mfrs.	6	383	33	416	8,172	554	15,850	18,938	35,556
Mfrs. Structural Concrete Products	8	720	26	746	14,070	560	19,898	32,023	52,292
Concrete Products Mfrs., N.E.S.	30	429	35	464	8,193	838	14,949	14,549	30,127
Ready-Mix Concrete Mfrs.	66	1,616	149	1,765	32,974	4,554	102,937	67,813	175,258
Glass & Glass Products Mfrs.	12	x	x	x	x	x	x	x	x
Glass Mfrs.	1	x	x	x	x	x	x	x	x
Glass Products Mfrs.	11	29	15	44	563	-	1,019	869	1,944
Lime Mfrs.	2	x	x	x	x	x	x	x	x
Misc. Non-Metallic Mineral Products	13	x	x	x	x	x	x	x	x
Refractories Mfrs.	-	-	-	-	-	-	-	-	-
Misc. Non-Metallic Mineral, N.E.S.	13	948	130	1,078	19,530	3,960	42,102	58,996	105,379

TABLE 91 (Continued)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA
1979

	TOTAL ACTIVITY					MANUFACTURING ACTIVITY			
	Estab-lishments No.	Employees Male No.	Employees Female No.	Employees Total No.	Salaries Wages $000	Cost of Fuel & Electricity $000	Cost of Materials & Supplies Used $000	Value Added $000	Value of Shipments of Goods of Own Manufacture $000
PETROLEUM & COAL PRODUCTS INDUSTRIES	15	1,598	421	2,019	47,827	23,013	1,538,578	154,488	1,700,610
Petroleum Refineries	9	x	x	x	x	x	x	x	x
Petroleum Refining	6	1,448	391	1,839	44,708	22,366	1,515,187	145,749	1,688,377
Mfrs. of Lubricating Oils & Greases	3	x	x	x	x	x	x	x	x
Misc. Petroleum & Coal Products Inds.	6	x	x	x	x	x	x	x	x
CHEMICAL & CHEMICAL PRODUCTS INDUSTRIES	71	4,020	496	4,516	92,067	67,543	349,084	388,403	755,197
Mfrs. Plastics & Synthetic Resins	3	x	x	x	x	x	x	x	x
Mfrs. Pharmaceuticals & Medicines	5	x	x	x	x	x	x	x	x
Paint & Varnish Mfrs.	2	x	x	x	x	x	x	x	x
Mfrs. of Soaps & Cleaning Compounds	9	81	23	104	1,787	59	2,967	2,661	5,673
Mfrs. of Industrial Chemicals	22	3,033	327	3,360	70,287	63,016	271,960	307,004	612,258
Mfrs. of Pigments & Dry Colours	1	x	x	x	x	x	x	x	x
Industrial Chems. (Inorganic), N.E.S.	13	1,651	154	1,805	38,166	46,715	168,112	157,198	370,328
Industrial Chems. (Organic), N.E.S.	8	x	x	x	x	x	x	x	x
Miscellaneous Chemical Industries	30	x	x	x	x	x	x	x	x
Mfrs. of Printing Inks	4	x	x	x	x	x	x	x	x
Misc. Chemical Industries, N.E.S.	26	370	70	440	6,293	1,187	37,250	28,617	67,088
MISCELLANEOUS MANUFACTURING INDUSTRIES	194	1,580	618	2,198	29,524	235	30,500	34,418	63,744
Scientific & Professional Equipment	82	876	342	1,218	16,182	60	16,510	17,241	32,731
Instrument & Related Products Mfrs.	17	304	98	402	6,771	34	5,989	5,236	10,260
Orthopaedic & Surgical Appliance	4	11	7	18	182	-	272	260	533
Ophthalmic Goods Mfrs.	17	169	116	285	3,419	26	5,707	4,336	9,968
Dental Laboratories	44	392	121	513	5,810	-	4,541	7,409	11,950
Jewellery & Silverware Industry	16	41	26	67	879	-	1,808	1,268	3,077
Sporting Goods & Toy Industries	11	x	x	x	x	x	x	x	x
Sporting Goods Mfrs.	9	48	15	63	803	-	1,848	1,687	3,243
Toys & Games Mfrs.	2	x	x	x	x	x	x	x	x
Signs & Displays Industry	53	365	107	472	7,185	132	4,516	7,964	12,677
Miscellaneous Mfg. Industries, N.E.S.	32	x	x	x	x	x	x	x	x
Broom, Brush & Mop Mfrs.	3	x	x	x	x	x	x	x	x
Floor Tile, Lino. & Coated Fabrics	-	-	-	-	-	-	-	-	-
Sound Recording - Musical Instruments	-	27	20	47	743	-	-	-	-
Pen & Pencil Mfrs.	1	x	x	x	x	x	x	x	x
Other Misc. Manufacturing Inds.	28	166	84	250	2,848	25	4,890	5,708	10,527
TOTAL ALL INDUSTRIES	2,305	62,170	15,175	77,345	1,321,102	181,332	5,983,686	2,888,358	8,939,982

x - data withheld to meet confidentiality requirements

N.E.S-not else where specified

SOURCE: Alberta Bureau of Statistics, "Alberta Principal Manufacturing Statistics, 1979."

TABLE 92
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA AND SELECTED CITIES
1979

	TOTAL ACTIVITY				MANUFACTURING ACTIVITY				
	Establishments	Employees			Salaries Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value Added	Value of Shipments of Goods of Own Manufacture
		Male	Female	Total					
	No.	No.	No.	No.	$000	$000	$000	$000	$000
ALBERTA									
Food and Beverage Industries	420	12,140	3,448	15,588	254,514	22,405	2,256,241	560,319	2,824,697
Wood Industries	200	6,125	842	6,967	111,669	-	234,350	210,345	445,880
Primary Metal Industries	26	3,690	247	3,937	77,453	11,908	301,273	214,188	512,816
Metal Fabricating Industries	335	8,264	1,051	9,315	167,198	4,682	291,670	289,831	575,402
Machinery Industries	134	5,037	479	5,516	96,726	-	150,773	166,766	314,998
Transportation Equipment	82	2,859	482	3,341	55,831	1,251	96,854	73,242	167,010
Non-Metallic Mineral Products	161	5,460	652	6,112	117,112	23,257	244,530	286,253	549,513
Petroleum & Coal Products	15	1,598	421	2,019	47,827	23,013	1,538,578	154,488	1,700,610
Chemical & Chemical Products	71	4,020	496	4,516	92,067	67,543	349,084	368,403	755,197
Miscellaneous	194	1,580	616	2,196	29,524	235	30,500	34,418	63,744
Other	667	11,397	6,441	17,838	271,181	27,038	490,033	530,105	1,030,115
TOTAL	2,305	62,170	15,175	77,345	1,321,102	181,332	5,983,886	2,888,358	8,939,982
EDMONTON PROPER									
Food and Beverage Industries	82	4,312	1,314	5,626	91,252	4,979	482,588	169,045	655,776
Wood Industries	56	1,102	199	1,301	19,791	-	41,339	36,198	79,125
Primary Metal Industries	9	x	x	x	x	x	x	x	x
Metal Fabricating Industries	131	2,864	360	3,224	56,249	1,719	111,268	111,102	220,163
Machinery Industries	51	2,091	166	2,257	42,892	-	61,560	91,033	150,535
Transportation Equipment	21	516	82	598	11,446	346	12,107	15,446	26,328
Non-Metallic Mineral Products	27	1,188	108	1,296	24,607	2,263	50,542	55,639	107,639
Petroleum & Coal Products	1	x	x	x	x	x	x	x	x
Chemical & Chemical Products	16	128	42	170	2,614	152	6,608	12,019	18,820
Miscellaneous	74	505	184	689	8,925	70	11,403	12,645	24,016
Other	218	1,441	1,737	3,178	43,767	1,302	82,335	87,326	151,633
TOTAL	686	16,453	5,244	21,697	354,026	14,839	935,030	709,782	1,648,652
EDMONTON METRO									
Food and Beverage Industries	95	4,481	1,360	5,841	94,905	5,509	502,879	177,628	684,614
Wood Industries	60	1,167	206	1,373	20,420	-	42,290	38,838	80,718
Primary Metal Industries	11	2,215	165	2,380	48,337	9,208	173,830	149,251	325,639
Metal Fabricating Industries	149	3,663	421	4,084	75,367	2,188	139,845	141,488	279,591
Machinery Industries	58	2,192	182	2,374	44,741	-	66,374	94,305	158,673
Transportation Equipment	28	674	89	763	13,796	408	15,957	20,869	35,299
Non-Metallic Mineral Products	37	1,934	160	2,094	39,977	5,934	90,377	112,869	205,745
Petroleum & Coal Products	8	1,006	84	1,090	28,369	19,625	1,414,596	145,469	1,565,050
Chemical & Chemical Products	33	2,089	244	2,333	47,770	19,939	174,344	177,509	343,590
Miscellaneous	82	x	x	x	x	x	x	x	x
Other	236	x	x	x	x	x	x	x	x
TOTAL	797	23,674	5,999	29,673	520,702	68,956	2,796,202	1,280,946	4,083,819
CALGARY									
Food and Beverage Industries	90	3,466	1,065	4,531	74,793	6,296	775,114	172,857	948,733
Wood Industries	38	1,337	255	1,592	25,695	-	47,924	44,233	92,641
Primary Metal Industries	10	1,176	58	1,234	23,111	2,195	100,887	56,589	151,796
Metal Fabricating Industries	108	3,161	448	3,609	64,545	1,500	108,328	105,750	209,567
Machinery Industries	43	1,426	108	1,534	26,413	-	55,868	47,806	103,674
Transportation Equipment	21	823	119	942	14,616	417	20,228	21,701	41,008
Non-Metallic Mineral Products	36	1,341	81	1,422	27,277	3,268	74,423	61,487	139,694
Petroleum & Coal Products	4	x	x	x	x	x	x	x	x
Chemical & Chemical Products	20	727	96	823	16,768	6,353	46,026	37,419	87,010
Miscellaneous	83	703	318	1,021	12,983	131	16,494	18,734	34,088
Other	240	x	x	x	x	x	x	x	x
TOTAL	693	18,044	4,568	22,610	375,676	26,175	1,466,597	752,060	2,214,107

TABLE 92 (CONTINUED)
PRINCIPAL MANUFACTURING STATISTICS BY INDUSTRY
ALBERTA AND SELECTED CITIES
1979

	TOTAL ACTIVITY					MANUFACTURING ACTIVITY			
	Establishments	Employees			Salaries Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value Added	Value of Shipments of Goods of Own Manufacture
	No.	Male No.	Female No.	Total No.	$000	$000	$000	$000	$000
LETHBRIDGE									
Food and Beverage Industries	28	1,495	362	1,857	31,789	3,592	468,911	93,112	560,252
Wood Industries	4	x	x	x	x	x	x	x	x
Primary Metal Industries	1	x	x	x	x	x	x	x	x
Metal Fabricating Industries	10	145	9	154	2,333	49	4,001	3,484	7,490
Machinery Industries	7	x	x	x	x	x	x	x	x
Transportation Equipment	2	x	x	x	x	x	x	x	x
Non-Metallic Mineral Products	8	88	9	97	1,702	187	4,790	4,125	9,098
Petroleum & Coal Products	-	-	-	-	-	-	-	-	-
Chemical & Chemical Products	-	-	-	-	-	-	-	-	-
Miscellaneous	5	34	7	41	599	21	273	484	784
Other	15	171	75	246	3,719	81	2,289	6,262	8,633
TOTAL	78	2,310	757	3,067	48,521	4,276	507,663	125,767	629,674
MEDICINE HAT AND AREA									
Food and Beverage Industries	13	x	x	x	x	x	x	x	x
Wood Industries	3	x	x	x	x	x	x	x	x
Primary Metal Industries	-	-	-	-	-	-	-	-	-
Metal Fabricating Industries	5	x	x	x	x	x	x	x	x
Machinery Industries	1	x	x	x	x	x	x	x	x
Transportation Equipment	1	x	x	x	x	x	x	x	x
Non-Metallic Mineral Products	12	572	144	716	12,652	605	12,707	25,732	39,222
Petroleum & Coal Products	-	-	-	-	-	-	-	-	-
Chemical & Chemical Products	5	636	54	690	14,632	22,520	68,046	91,258	180,333
Miscellaneous	5	29	5	34	384	-	650	451	1,102
Other	8	x	x	x	x	x	x	x	x
TOTAL	53	1,965	309	2,274	39,923	23,690	132,017	146,149	299,817
RED DEER									
Food and Beverage Industries	11	356	82	438	7,019	701	156,646	13,304	170,560
Wood Industries	2	x	x	x	x	x	x	x	x
Primary Metal Industries	-	-	-	-	-	-	-	-	-
Metal Fabricating Industries	9	x	x	x	x	x	x	x	x
Machinery Industries	4	x	x	x	x	x	x	x	x
Transportation Equipment	4	x	x	x	x	x	x	x	x
Non-Metallic Mineral Products	3	x	x	x	x	x	x	x	x
Petroleum & Coal Products	-	-	-	-	-	-	-	-	-
Chemical & Chemical Products	-	-	-	-	-	-	-	-	-
Miscellaneous	4	8	4	12	137	-	159	282	441
Other	12	132	62	194	3,009	34	1,676	5,117	6,827
TOTAL	49	997	259	1,256	19,864	1,035	197,036	37,484	234,095

x - data withheld to meet confidentiality requirements

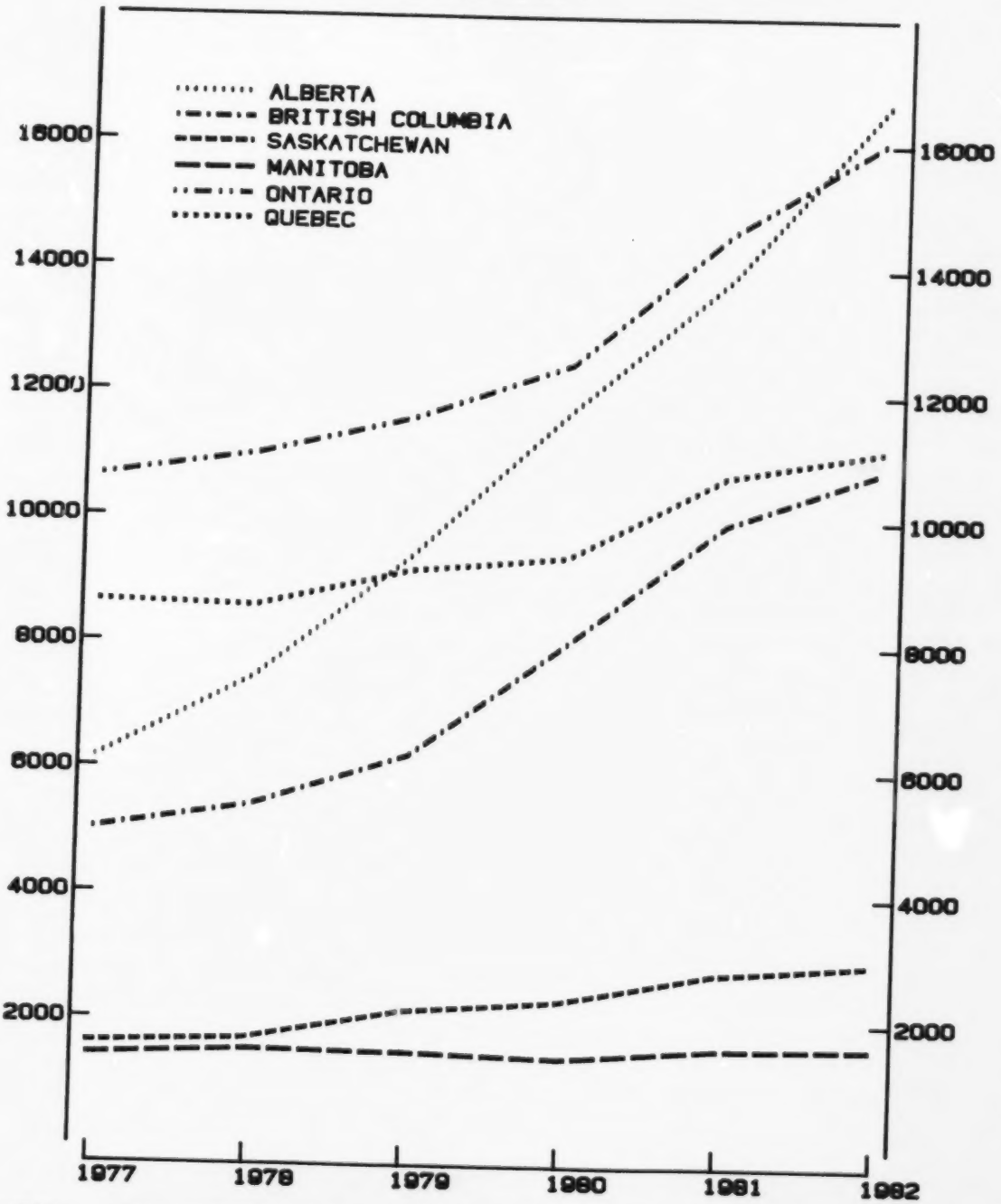
Note: Miscellaneous category includes scientific and professional equipment; jewellery industries; sporting goods and toy industries; signs and displays. Other category includes rubber and plastic products; leather; textiles; knitting mills; clothing; furniture and fixtures; paper and allied; printing, publishing and allied; electrical products. Also includes confidential data.

Medicine Hat area includes Medicine Hat and Redcliff.

SOURCE: Alberta Bureau of Statistics, "Alberta Principal Manufacturing Statistics, 1979."

GRAPH 13

VALUE OF CONSTRUCTION WORK PERFORMED SELECTED PROVINCES, 1977 - 1982 ($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 64-201

TABLE 93
VALUE OF CONSTRUCTION WORK PERFORMED
CANADA AND SELECTED PROVINCES
1971 - 1982

($ Millions)

	1971	1977	1978	1979	1980r	1981p	1982(1)
Alberta							
Building	865	2,941	3,831	4,717	5,034	6,252	7,075
Engineering	981	3,184	3,579	4,656	6,660	7,567	9,578
Total Construction	1,846	6,125	7,410	9,373	11,693	13,819	16,653
British Columbia							
Building	1,309	2,794	2,959	3,332	4,375	5,919	5,854
Engineering	1,076	2,190	2,423	2,854	3,625	4,023	4,966
Total Construction	2,386	4,983	5,382	6,185	8,000	9,942	10,820
Saskatchewan							
Building	235	976	945	1,218	1,238	1,226	1,259
Engineering	300	588	708	885	1,040	1,531	1,672
Total Construction	535	1,564	1,653	2,103	2,278	2,757	2,930
Manitoba							
Building	374	854	978	959	883	884	877
Engineering	297	543	525	511	515	697	734
Total Construction	671	1,398	1,502	1,470	1,398	1,581	1,610
Ontario							
Building	3,750	7,078	7,207	7,795	8,348	9,330	9,689
Engineering	1,847	3,535	3,772	3,776	4,090	5,238	6,399
Total Construction	5,597	10,614	10,979	11,570	12,437	14,568	16,088
Quebec							
Building	2,090	5,223	4,768	4,924	4,950	5,812	5,962
Engineering	1,322	3,367	3,760	4,200	4,402	4,866	5,144
Total Construction	3,412	8,590	8,528	9,125	9,352	10,678	11,106
Canada							
Building	9,367	21,307	22,234	24,706	26,540	31,271	32,639
Engineering	6,498	14,497	15,956	18,317	21,787	25,687	30,918
Total Construction	15,865	35,803	38,190	43,023	48,327.	56,957	63,558

r - revised p - preliminary

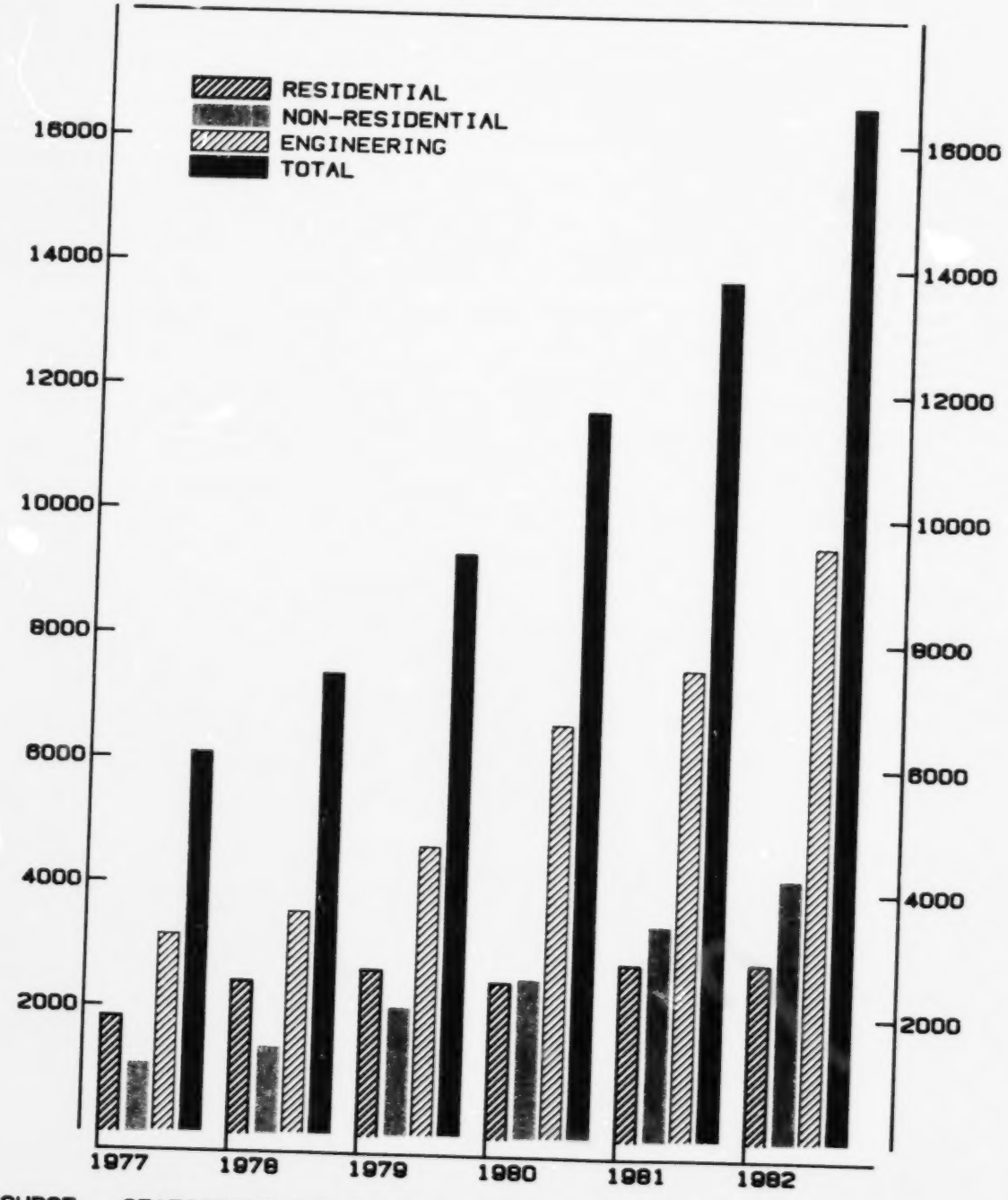
(1) original intentions

NOTE: Totals may not add due to rounding.

SOURCE: Statistics Canada, "Construction in Canada," Catalogue No. 64-201.

GRAPH 14

VALUE OF CONSTRUCTION WORK PERFORMED BY TYPE
ALBERTA, 1977 - 1982
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 64-201

TABLE 94
VALUE OF CONSTRUCTION WORK PERFORMED BY DETAILED TYPE OF CONSTRUCTION
ALBERTA
1971 - 1982

($ Millions)

	1971	1977	1978	1979	1980r	1981p	1982(1)		
							New	Repair	Total
BUILDING CONSTRUCTION	865	2,941	3,831	4,717	5,034	6,252	6,415	660	7,075
Residential	492	1,833	2,427	2,647	2,479	2,806	2,537	313	2,849
Non-Residential	373	1,108	1,404	2,070	2,555	3,446	3,878	347	4,226
Industrial	51	127	208	202	242	358	374	60	434
Factories, Plants, Workshops	45	117	185	191	222	324	337	48	386
Other	6	10	23	11	20	34	37	11	48
Commercial	123	590	777	1,349	1,580	2,118	2,399	153	2,553
Warehouses, Storehouses, etc.	10	116	68	178	164	199	211	20	231
Office Buildings	41	256	414	604	858	1,197	1,413	73	1,486
Retail and Wholesale	44	78	127	326	291	452	465	25	490
Other	28	140	168	242	267	270	310	35	346
Institutional	137	149	222	292	462	606	761	64	825
Schools and Other Educational Buildings	107	61	92	138	152	273	282	42	324
Hospitals, Sanitoria, Clinics, etc.	17	50	83	103	232	237	351	18	369
Other	13	38	47	50	78	96	127	4	132
Other Building	62	242	197	228	272	365	344	71	415
Farm Buildings (excluding dwellings)	43	117	112	139	171	217	180	44	223
Other	18	125	85	90	101	148	164	27	192
ENGINEERING CONSTRUCTION	981	3,184	3,579	4,656	6,660	7,567	8,473	1,105	9,578
Marine Construction	1	7	9	8	8	4	4	--	4
Roads, Highways and Aerodromes	143	357	[illegible]	509	581	738	534	246	780
Streets, Highways, Parking Lots, etc.	137	345	412	493	565	721	515	240	755
Other, Including Aerodrome	6	13	12	16	17	17	20	5	25
Waterworks and Sewage Systems	46	187	210	236	282	361	472	30	502
Water Mains, Hydrants and Services	17	51	69	69	87	116	109	17	126
Sewage Systems and Connections	12	47	63	65	82	94	159	4	164
Other	17	89	78	101	113	151	204	9	212
Dams and Irrigation	12	41	25	43	68	110	169	6	175
Electric Power Construction	82	277	258	312	484	380	541	31	572
Generating Plants, Including Water Control	45	170	130	173	304	171	256	10	266
Transmission, Distribution and Trolley Lines	36	103	123	134	175	200	280	17	297
Other	1	4	6	5	5	9	5	4	9
Railway, Telephone and Telegraph	61	175	166	217	303	365	352	106	458
Railway Tracks and Road Beds	25	88	76	104	162	202	206	63	269
Other	36	88	90	112	141	163	146	43	189
Gas and Oil Facilities	563	1,590	2,152	3,093	4,491	5,035	5,564	644	6,208
Gas Mains and Services	10	32	41	48	58	81	100	9	109
Oil and Gas Pipe Lines	49	10	24	91	223	549	686	14	700
Oil and Gas Wells	278	1,309	1,847	2,661	3,892	3,889	4,135	503	4,638
Natural Gas Processing Plants	198	205	229	274	274	353	466	95	561
Other	28	35	12	18	44	183	177	23	200
Other Engineering	73	550	335	238	441	574	838	41	879
Bridges, Trestles, Culverts, Viaducts	22	28	60	70	85	88	85	15	100
Other	51	522	275	168	356	486	753	26	779
TOTAL CONSTRUCTION	1,846	6,125	7,410	9,373	11,693	13,819	14,887	1,765	16,653
Salaries and Wages	627	2,020	2,694	3,388	3,830	4,598	N/A	N/A	5,576
Cost of Materials Used	771	2,235	2,634	3,354	4,904	5,746	N/A	N/A	6,939
Number of Employees (Thousands) (2)	62	91	125	141	155	160	N/A	N/A	175

r - revised p - preliminary --too small to be expressed

(1)Original Intentions

(2) Number of employees is given in equivalent man-years.

NOTE: Component items may not add due to rounding

SOURCE: Statistics Canada, "Construction In Canada," Catalogue No. 64-201.

TABLE 95
DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION, ALL AREAS CANADA AND SELECTED PROVINCES
1971 - 1981

(Units)

	1971	1976	1977	1978	1979	1980	1981
STARTS							
Alberta	25,602	38,771	38,075	47,925	39,947	32,031	38,470
British Columbia	34,765	37,727	32,358	28,618	27,345	37,548	41,585
Saskatchewan	3,560	13,143	12,825	9,527	11,742	6,250	5,972
Manitoba	10,705	9,339	9,410	12,121	5,772	2,597	2,824
Ontario	89,980	84,682	79,130	71,710	56,887	40,127	50,161
Quebec	51,782	68,748	57,580	43,671	41,730	29,186	29,645
Canada	233,653	273,203	245,724	227,667	197,049	158,601	177,973
COMPLETIONS							
Alberta	20,829	25,858	37,879	43,025	44,492	34,717	34,755
British Columbia	30,478	34,910	33,231	30,779	26,858	30,156	40,286
Saskatchewan	2,761	11,046	11,485	11,383	10,865	7,763	8,085
Manitoba	10,093	8,492	8,720	10,550	8,410	4,503	4,515
Ontario	74,149	80,302	80,717	80,429	76,570	54,021	45,557
Quebec	48,783	54,301	61,979	54,129	44,288	33,560	30,691
Canada	201,232	236,249	251,789	246,533	226,489	176,168	174,996
UNDER CONSTRUCTION							
(as of 31 - Dec.)							
Alberta	15,320	29,411	27,305	31,323	25,454	20,378	22,960
British Columbia	23,367	21,877	18,421	15,672	15,413	22,865	22,311
Saskatchewan	2,010	9,319	10,097	8,138	8,640	6,022	3,884
Manitoba	7,264	5,820	6,479	8,048	4,992	2,694	764
Ontario	82,465	78,359	75,518	66,106	44,851	31,187	34,071
Quebec	33,999	43,600	35,366	24,053	20,413	14,639	12,815
Canada	177,257	204,286	185,599	164,702	128,601	105,780	102,829

SOURCE: Statistics Canada, "Housing Starts and Completions," Catalogue No. 64-002.

TABLE 96
DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION, ALL AREAS
ALBERTA
1971 - 1981

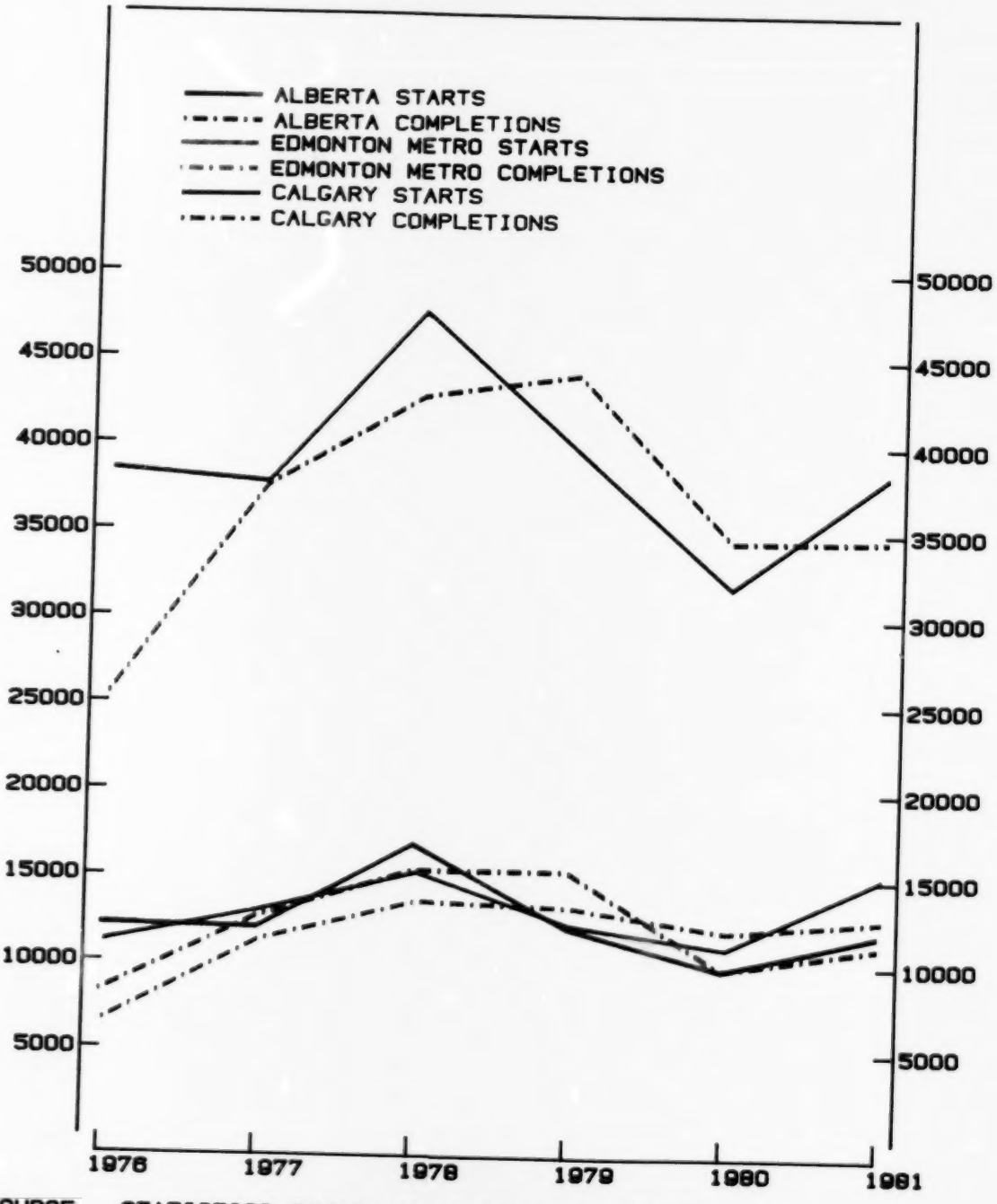
(Units)

	1971	1976	1977	1978	1979	1980	1981
STARTS							
Single Detached	10,258	17,765	14,298	19,757	20,066	16,780	17,972
Two-Family	1,007	1,955	2,573	4,362	3,349	2,618	1,907
Row	3,051	8,626	7,168	6,504	4,263	4,230	4,853
Apartment and Other	11,286	10,425	14,036	17,302	12,269	8,403	13,738
Total	25,602	38,771	38,075	47,925	39,947	32,031	38,470
COMPLETIONS							
Single Detached	8,718	16,739	16,242	16,456	20,537	17,457	19,333
Two-Family	1,144	1,933	2,448	3,454	4,052	3,111	2,360
Row	3,475	2,967	8,761	7,377	5,893	3,871	4,558
Apartment and Other	7,492	4,219	10,428	15,738	14,010	10,278	8,504
Total	20,829	25,858	37,879	43,025	44,492	34,717	34,755
UNDER CONSTRUCTION (as of 31 - Dec.)							
Single Detached	4,300	9,851	7,377	10,335	9,668	7,782	6,289
Two-Family	345	1,348	1,450	2,275	1,595	1,020	580
Row	1,643	8,011	5,465	4,609	3,140	3,279	3,261
Apartment and Other	9,032	10,401	13,013	14,104	11,051	8,297	12,830
Total	15,320	29,411	27,305	31,323	25,454	20,378	22,960

SOURCE: Statistics Canada, "Housing Starts and Completions," Catalogue No. 64-002.

GRAPH 15

DWELLING STARTS AND COMPLETIONS
ALBERTA, EDMONTON METRO AND CALGARY, 1976 - 1981



SOURCE: STATISTICS CANADA CATALOGUE NO. 64-002

TABLE 97
DWELLING STARTS, COMPLETIONS AND UNDER CONSTRUCTION
ALBERTA AND SELECTED CITIES
1971 - 1981

(Units)

	1971	1976	1977	1978	1979	1980	1981
ALL AREAS (ALBERTA)							
Dwelling Starts	25,602	38,771	38,075	47,925	39,947	32,031	38,470
Completions	20,829	25,858	37,879	43,025	44,492	34,717	34,755
Under Construction (1)	15,320	29,411	27,305	31,323	25,454	20,378	22,960
EDMONTON METRO (2)							
Dwelling Starts	11,286	12,370	12,206	17,065	12,298	9,967	11,999
Completions	8,252	8,495	12,853	15,567	15,573	9,996	11,270
Under Construction(1)	8,096	11,060	10,350	11,725	7,407	6,884	6,979
EDMONTON PROPER							
Dwelling Starts	9,451	10,259	10,651	14,668	9,682	8,446	10,517
Completions	6,634	6,663	10,980	13,574	12,641	8,176	9,641
Under Construction(1)	7,268	9,530	9,136	10,111	6,136	5,995	6,278
CALGARY							
Dwelling Starts	8,801	11,360	13,190	15,382	12,383	11,104	15,172
Completions	7,738	6,817	11,480	13,708	13,410	12,067	12,712
Under Construction(1)	4,768	8,762	9,016	10,293	9,179	7,978	10,373
CAMROSE							
Dwelling Starts	N/A	N/A	208	280	173	173	167
Completions	N/A	N/A	387	200	267	117	282
Under Construction(1)	N/A	N/A	149	220	67	123	40
FORT MCMURRAY							
Dwelling Starts	N/A	N/A	369	312	606	810	1,222
Completions	N/A	N/A	1,888	919	471	90	807
Under Construction(1)	N/A	N/A	853	245	356	262	677
GRANDE PRAIRIE							
Dwelling Starts	307	333	348	749	1,436	795	314
Completions	242	274	387	416	925	1,010	955
Under Construction (1)	184	221	185	494	1,024	751	93
LETHBRIDGE							
Dwelling Starts	700	1,420	987	1,189	605	491	1,330
Completions	864	1,054	1,323	1,121	702	451	880
Under Construction(1)	201	989	648	692	526	423	726
LLOYDMINSTER (Alberta Portion)							
Dwelling Starts	N/A	N/A	199	325	521	288	264
Completions	N/A	N/A	206	83	301	594	277
Under Construction(1)	N/A	N/A	67	311	526	109	95
MEDICINE HAT							
Dwelling Starts	153	1,467	819	573	760	721	856
Completions	91	1,202	1,173	793	715	721	872
Under Construction(1)	95	922	559	336	334	333	315
RED DEER							
Dwelling Starts	459	1,163	1,683	1,655	1,378	1,381	1,848
Completions	320	972	1,114	1,387	1,713	1,436	1,405
Under Construction(1)	214	633	750	1,005	880	813	1,249
ST. ALBERT							
Dwelling Starts	693	721	371	674	752	420	640
Completions	383	701	602	469	784	584	597
Under Construction(1)	469	532	301	504	472	305	319

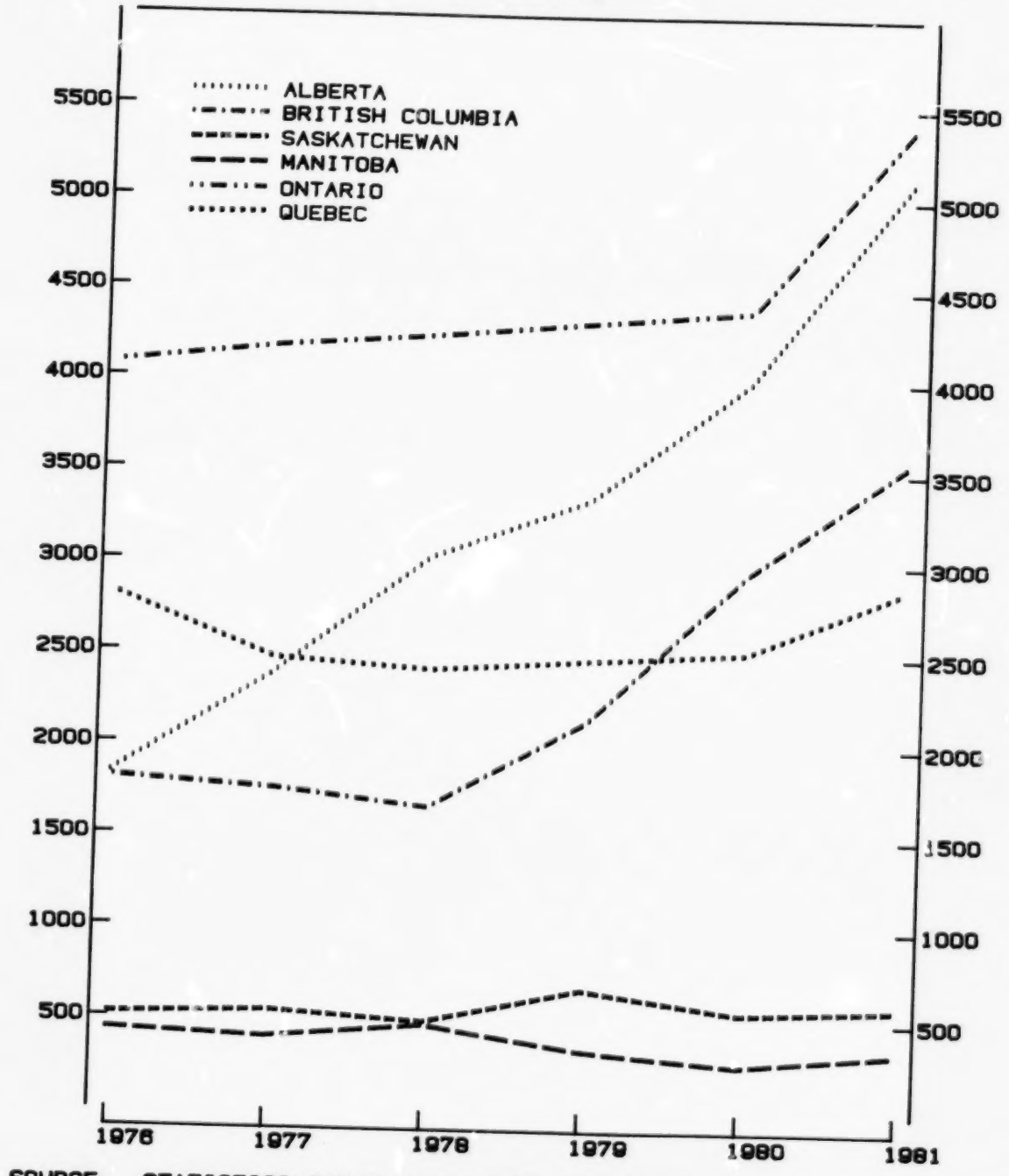
(1) Under construction as of 31-December.

(2) Edmonton (Metro) includes Fort Saskatchewan, St. Albert, Edmonton, Morinville, Gibbons, Bon Accord, Legal, Strathcona County No. 20 and Sturgeon M.D. 90.

SOURCE: Statistics Canada, "Housing Starts and Completions," Catalogue No. 64-002.

GRAPH 16

VALUE OF BUILDING PERMITS SELECTED PROVINCES, 1976 - 1981 ($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 64-203

TABLE 98
VALUE OF BUILDING PERMITS BY TYPE
CANADA AND SELECTED PROVINCES
1971 - 1981

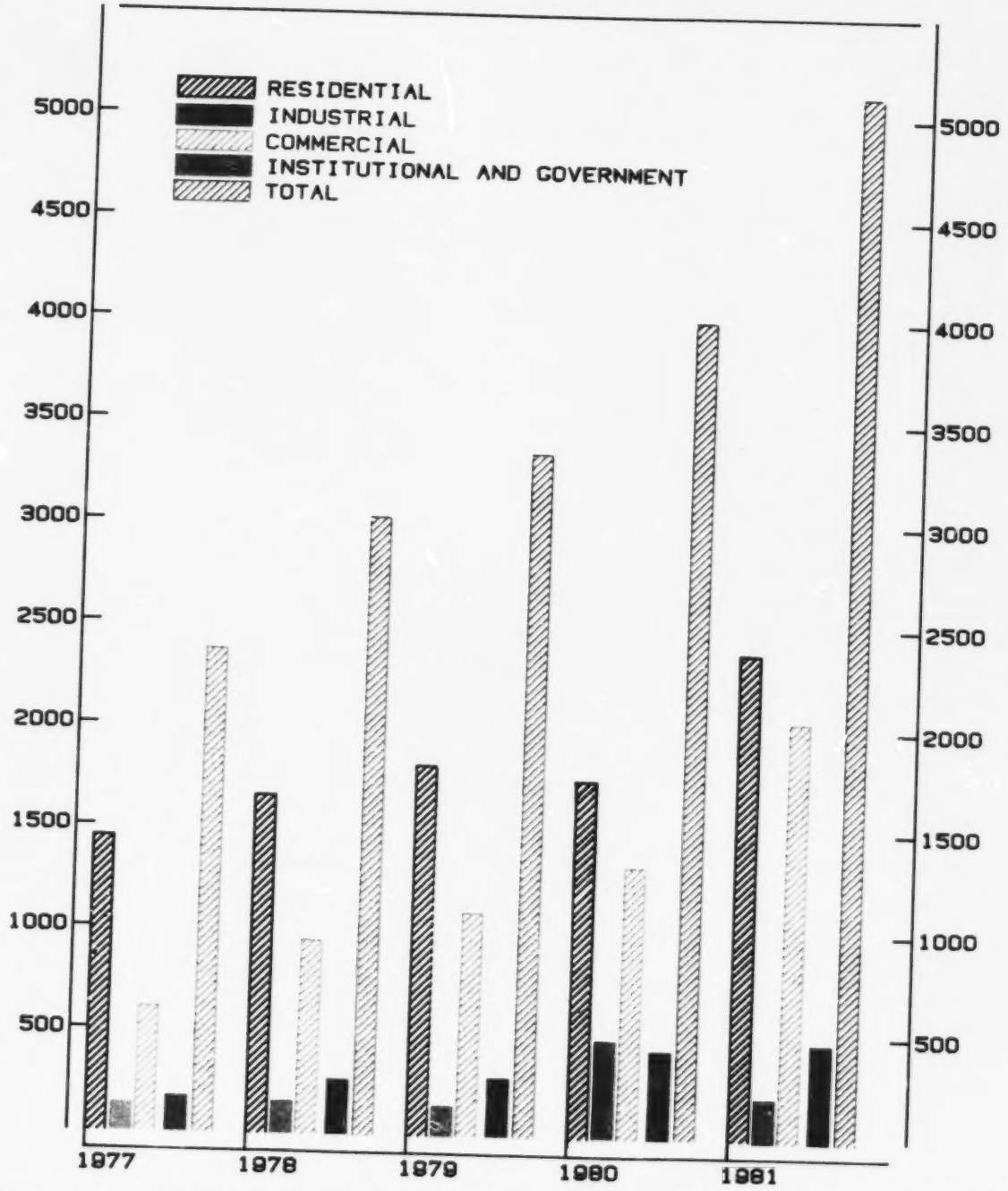
($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
ALBERTA							
Residential	322,286	1,221,026	1,442,172	1,650,409	1,805,956	1,749,953	2,373,167
Industrial	32,852	73,238	138,562	157,886	149,717	484,076	209,674
Commercial	111,433	407,485	618,995	954,378	1,107,922	1,349,706	2,069,893
Institutional and Government	78,513	129,357	175,095	271,151	290,971	438,423	478,206
Total	545,084	1,831,106	2,374 824	3,033,824	3,354,566	4,022,158	5,130,940
BRITISH COLUMBIA							
Residential	454,879	1,115,294	1,049,980	957,591	1,206,715	1,744,414	2,220,548
Industrial	44,796	130,938	103,453	108,875	186,142	237,921	224,146
Commercial	191,366	398,699	384,431	410,424	529,644	643,237	717,242
Institutional and Government	94,460	160,843	213,424	178,438	211,726	325,428	393,850
Total	785,501	1,805,774	1,751,288	1,655,328	2,134,227	2,951,000	3,555,786
SASKATCHEWAN							
Residential	49,108	312,506	333,201	379,385	368,824	243,724	275,002
Industrial	4,880	19,421	19,649	12,727	17,602	32,809	56,431
Commercial	15,978	109,087	125,123	116,858	208,698	194,997	165,932
Institutional and Government	44,611	75,400	61,541	77,700	72,167	74,094	77,474
Total	114,577	516,414	539,514	486,670	667,291	545,624	574,839
MANITOBA							
Residential	108,642	257,619	262,004	291,629	149,546	105,287	156,532
Industrial	10,596	35,377	25,629	23,353	25,210	24,929	37,150
Commercial	34,311	101,565	66,447	93,180	118,054	99,153	99,715
Institutional and Government	40,526	37,971	45,146	62,643	46,653	37,952	47,445
Total	194,075	432,532	399,226	470,805	339,463	267,321	340,842
ONTARIO							
Residential	1,455,512	2,563,363	2,609,365	2,496,117	2,373,495	1,960,036	2,935,278
Industrial	196,882	473,498	443,756	471,537	576,432	710,297	784,085
Commercial	488,607	685,839	711,253	973,359	1,032,055	1,306,934	1,291,109
Institutional and Government	459,263	351,622	410,783	300,312	344,490	427,683	419,133
Total	2,600,264	4,074,322	4,175,157	4,241,325	4,326,472	4,404,905	5,429,605
QUEBEC							
Residential	686,449	1,564,662	1,480,429	1,461,015	1,435,830	1,294,144	1,481,180
Industrial	132,707	217,893	244,496	223,244	293,458	335,171	325,167
Commercial	184,409	702,578	381,727	427,369	493,903	562,117	656,686
Institutional and Government	220,281	318,235	352,030	294,356	240,653	321,541	400,679
Total	1,223,846	2,803,368	2,458,682	2,405,984	2,463,844	2,512,973	2,863,712
CANADA							
Residential	3,203,063	7,475,615	7,612,531	7,566,670	7,767,074	7,467,908	9,814,606
Industrial	470,924	1,010,015	1,011,957	1,053,590	1,315,545	1,911,408	1,731,232
Commercial	1,069,785	2,545,513	2,444,382	3,140,478	3,727,162	4,321,517	5,229,837
Institutional and Government	967,809	1,167,988	1,350,940	1,373,956	1,334,162	1,751,287	1,959,807
Total	5,711,581	12,199,331	12,419,810	13,134,694	14,143,943	15,452,120	18,735,482

SOURCE: Statistics Canada, "Building Permits," Catalogue No. 64-203.

GRAPH 17

VALUE OF BUILDING PERMITS BY TYPE
ALBERTA, 1977 - 1981
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 64-203

TABLE 99
VALUE OF BUILDING PERMITS BY TYPE
SELECTED CITIES, ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
EDMONTON (METRO)*							
Residential	142,742	391,166	468,836	600,899	522,720	462,289	627,545
Industrial	18,833	20,484	49,649	51,354	32,761	433,841	46,186
Commercial	41,058	166,078	184,935	204,542	339,587	389,815	578,996
Institutional and Government	21,364	40,805	40,723	81,371	90,818	155,960	121,405
Total	223,997	618,533	744,143	938,166	985,886	1,441,905	1,374,132
EDMONTON (PROPER)							
Residential	106,865	296,788	385,498	470,254	403,236	360,274	527,438
Industrial	5,643	9,763	15,409	20,085	12,252	18,682	18,987
Commercial	34,955	147,363	163,678	165,893	266,035	330,804	496,341
Institutional and Government	18,565	28,797	36,361	66,990	80,200	133,297	94,789
Total	166,028	482,711	600,946	723,222	761,723	843,057	1,137,555
CALGARY							
Residential	101,739	273,917	446,031	458,296	612,102	655,135	1,075,033
Industrial	8,099	12,628	31,802	29,729	41,566	59,578	39,779
Commercial	48,361	116,294	256,632	493,685	418,547	607,407	1,178,401
Institutional and Government	35,136	44,978	69,616	71,033	30,822	72,254	152,266
Total	193,335	447,817	804,081	1,052,743	1,103,037	1,394,374	2,445,479
LETHBRIDGE							
Residential	10,586	46,164	35,651	39,872	21,404	23,186	51,561
Industrial	722	1,207	5,314	4,494	5,545	4,228	6,765
Commercial	3,300	9,899	13,490	8,707	18,591	19,390	20,474
Institutional and Government	3,408	2,974	2,187	3,078	1,737	10,686	10,716
Total	18,016	60,244	56,642	56,151	47,277	57,490	89,516
MEDICINE HAT							
Residential	2,499	35,443	25,344	27,572	29,672	35,153	34,615
Industrial	169	1,911	513	1,960	2,194	5,852	1,185
Commercial	677	7,655	9,537	14,217	20,587	12,984	9,373
Institutional and Government	571	1,691	1,142	1,207	4,526	3,901	12,302
Total	3,916	46,700	36,536	44,956	56,979	57,890	57,475
RED DEER							
Residential	4,299	31,937	51,124	52,215	45,902	52,699	75,883
Industrial	799	1,238	5,324	3,834	2,745	2,252	2,389
Commercial	456	18,594	16,449	20,954	26,306	44,988	25,679
Institutional and Government	3,710	7,911	8,279	27,449	24,088	17,024	16,643
Total	9,264	59,680	81,176	104,452	99,041	116,963	120,594

* Edmonton (Metro) includes Bon Accord, Edmonton, Fort Saskatchewan, Gibbons, Legal, Morinville, St. Albert, Strathcona County No. 20, Sturgeon M.D. 90.

NOTE: Figures may not add to totals due to rounding.

SOURCE: Statistics Canada, "Building Permits," Catalogue No. 64-203.

TABLE 100
VALUE OF BUILDING PERMITS
ALBERTA CENSUS DIVISIONS AND SELECTED MUNICIPALITIES
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
Census Division No. 1	5,239	56,933	44,266	57,233	66,450	67,159	71,782
Medicine Hat	3,916	46,700	36,536	44,956	56,979	57,890	54,475
Redcliff	848	5,705	3,169	4,505	3,033	4,144	3,683
Census Division No. 2	22,880	98,883	101,723	97,101	101,445	95,013	123,297
Lethbridge	18,016	60,244	56,642	56,151	47,277	61,510	89,516
Brooks	1,373	13,689	22,841	13,886	9,589	11,531	5,044
Coaldale	1,008	6,761	4,139	5,612	4,362	2,980	2,837
Taber	1,156	5,452	8,222	4,806	8,618	4,261	7,584
Census Division No. 3	3,706	18,831	17,375	14,002	26,613	15,837	16,820
Cardston	614	4,064	3,163	1,348	12,773	718	1,071
Claresholm	1,731	4,908	3,508	2,999	3,094	6,129	3,893
Fort Macleod	219	2,303	2,014	2,377	2,434	1,098	1,748
Census Division No. 4	461	3,897	5,125	3,438	6,958	3,179	7,609
Census Division No. 5	1,925	16,061	22,725	20,918	24,608	23,790	28,316
Drumheller	1,261	5,574	6,428	5,921	5,104	6,950	6,211
Census Division No. 6	200,254	504,209	868,309	1,132,534	1,232,660	1,561,990	2,602,121
Calgary	193,335	447,817	804,081	1,052,743	1,103,037	1,394,374	2,445,479
Airdrie	488	3,635	10,714	18,105	31,652	39,472	43,215
Cochrane	324	4,600	4,895	10,186	11,131	6,826	7,083
Didsbury	130	2,825	4,582	3,827	3,703	2,646	5,410
High River	521	4,394	4,195	713	8,456	16,466	9,467
Okotoks	178	6,093	8,688	4,637	8,105	19,436	18,245
Olds	744	7,818	6,613	10,755	9,597	5,507	4,751
Census Division No. 7	1,905	17,201	19,624	19,498	28,508	19,127	18,032
Stettler	532	6,223	6,767	6,893	9,007	4,301	5,132
Wainwright	452	2,521	5,739	3,988	8,058	3,253	5,527
Census Division No. 8	15,396	98,836	134,902	173,250	178,387	191,850	220,005
Red Deer	9,264	59,680	81,176	104,452	99,041	116,963	120,594
Innisfail	364	9,019	8,770	13,703	8,046	13,476	7,697
Lacombe	521	4,030	9,852	6,136	11,523	3,297	9,111
Ponoka	435	4,247	5,219	3,374	4,773	6,857	4,440
Rocky Mountain House	2,008	4,902	4,307	11,979	7,851	7,852	5,957
Sylvan Lake	251	3,827	8,532	7,743	7,330	2,281	2,573
Census Division No. 9	5,680	18,806	23,165	24,679	44,434	41,491	68,001
Banff	2,786	6,637	4,676	11,079	22,191	19,268	13,298
Canmore	574	4,202	5,272	3,710	11,021	14,145	10,339
Crowsnest	627	3,476	2,906	2,723	9,128	3,260	7,773
Jasper	-	2,131	6,059	1,170	488	3,354	31,396

TABLE 100 (Continued)
VALUE OF BUILDING PERMITS
ALBERTA CENSUS DIVISIONS AND SELECTED MUNICIPALITIES
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
Census Division No. 10	7,235	55,888	63,519	99,682	102,725	90,203	73,306
Camrose	2,420	17,386	15,337	14,232	13,796	16,521	19,415
Lloydminster	2,352	14,252	26,448	40,436	38,938	32,493	20,785
Vegreville	515	3,769	5,175	20,307	8,933	9,836	8,049
Vermilion	435	3,107	5,343	3,742	15,616	13,129	5,449
Census Division No. 11	242,121	736,334	838,147	1,084,770	1,115,277	1,675,800	1,512,132
Edmonton (Metro)	223,997	618,533	744,143	938,166	985,886	1,269,933	1,374,132
Edmonton(Proper)	166,028	482,711	600,946	723,222	761,723	843,057	1,137,555
St. Albert	10,273	27,928	21,646	36,578	45,957	41,202	76,228
Wetaskiwin	1,589	10,168	15,025	17,309	12,418	14,225	16,528
Devon	541	3,920	3,388	2,470	3,289	4,572	6,747
Drayton Valley	2,053	3,901	11,518	9,724	7,841	10,088	1,749
Fort Saskatchewan	3,210	16,794	14,263	33,588	19,923	8,800	13,262
Leduc	3,483	22,639	8,326	20,897	24,610	19,647	18,138
Morinville	271	2,378	7,837	12,684	12,259	7,845	5,410
Spruce Grove	4,773	10,667	4,350	8,329	10,809	21,321	20,317
Stony Plain	1,027	4,664	9,016	9,943	8,847	12,656	12,802
Census Division No. 12	9,263	105,019	94,254	105,729	126,493	116,081	150,635
Fort McMurray	2,919	87,786	49,826	54,894	57,521	78,142	108,706
Bonnyville	1,369	4,121	10,037	15,730	18,150	8,211	2,678
Grand Centre	2,144	1,295	3,810	4,559	10,985	6,354	2,253
St Paul	1,213	3,070	6,189	5,515	11,111	6,416	4,755
Census Division No. 13	3,146	16,813	21,020	47,198	48,144	40,796	55,893
Barrhead	450	3,508	3,767	4,488	3,509	6,199	11,601
Westlock	1,165	3,828	6,874	4,881	9,194	6,384	5,077
Whitecourt*	1,082	2,841	7,359	17,682	10,040	9,392	17,973
Census Division No. 14	6,635	17,697	37,531	38,495	24,694	35,669	41,062
Edson	1,728	6,057	11,629	14,605	8,659	8,302	15,709
Hinton	2,479	4,993	12,107	17,925	13,775	18,745	11,090
Census Division No. 15	19,238	65,698	83,139	115,297	227,170	193,041	141,929
Grande Prairie	8,095	15,976	25,693	46,282	102,443	84,937	29,554
Fairview	707	3,093	4,510	3,635	3,201	11,354	17,861
Grande Cache	1,809	14,970	5,982	921	317	3,861	7,237
Peace River	1,387	7,679	8,540	17,155	15,409	7,891	4,002
Slave Lake	2,075	2,581	4,110	3,735	8,203	12,485	11,909
Total Alberta	545,084	1,831,106	2,374,824	3,033,824	3,354,586	4,022,158	5,130,940

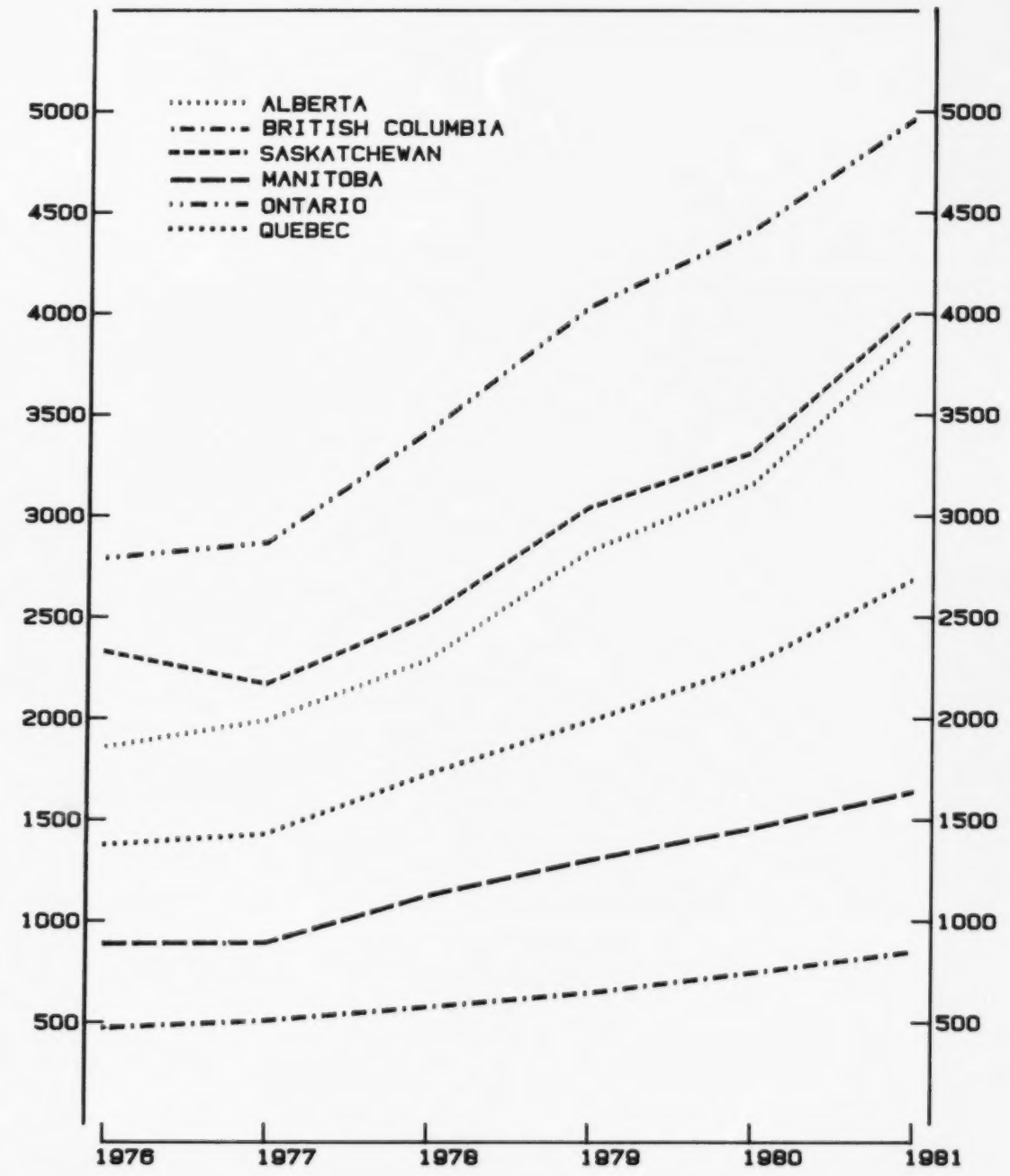
* Whitecourt in 1971 was included with Census Division 14.

NOTE: Edmonton (Metro) includes Bon Accord, Edmonton, Fort Saskatchewan, Gibbons, Legal, Morinville, St. Albert, Strathcona County No. 20 and Sturgeon M.D. 90.

SOURCE: Statistics Canada, "Building Permits," Catalogue No. 64-203.

GRAPH 18

FARM CASH RECEIPTS
SELECTED PROVINCES, 1976 - 1981
($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 21-202

TABLE 101
FARM CASH RECEIPTS
CANADA AND SELECTED PROVINCES
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979r	1980r	1981p
ALBERTA							
Total Crops	318,219	916,635	925,451	954,057	1,207,623	1,458,243	2,106,303
Livestock & Products	463,274	920,832	988,764	1,302,132	1,599,390	1,657,596	1,704,658
Other*	13,466	21,162	75,028	30,687	16,495	32,382	65,292
Total Cash Receipts	794,959	1,858,629	1,989,243	2,286,876	2,823,508	3,148,221	3,876,253
BRITISH COLUMBIA							
Total Crops	71,610	142,445	171,513	203,642	222,841	260,714	294,237
Livestock & Products	147,038	288,252	297,478	349,517	416,024	473,413	524,222
Other*	3,270	50,379	47,166	29,629	13,398	15,568	35,590
Total Cash Receipts	221,918	481,076	516,157	582,788	652,263	749,695	854,049
SASKATCHEWAN							
Total Crops	627,896	1,835,762	1,648,139	1,871,526	2,347,846	2,551,579	3,279,547
Livestock & Products	260,195	473,640	481,721	613,380	679,159	726,856	647,492
Other*	9,849	16,899	33,344	15,262	6,127	23,259	71,191
Total Cash Receipts	897,940	2,326,301	2,163,204	2,500,168	3,033,132	3,301,694	3,998,230
MANITOBA							
Total Crops	165,596	506,250	491,632	617,568	735,570	851,290	974,432
Livestock & Products	194,460	358,762	385,924	493,237	561,743	592,704	621,613
Other*	9,527	30,005	21,726	21,327	11,039	19,605	49,342
Total Cash Receipts	369,583	895,017	899,282	1,132,132	1,308,352	1,463,599	1,645,387
ONTARIO							
Total Crops	458,726	998,647	950,704	1,133,805	1,305,674	1,490,339	1,739,884
Livestock & Products	920,747	1,670,842	1,788,225	2,181,017	2,587,899	2,798,409	3,011,260
Other*	38,465	122,411	126,807	102,196	138,899	116,449	200,522
Total Cash Receipts	1,417,938	2,791,900	2,865,736	3,417,018	4,032,472	4,405,197	4,951,666
QUEBEC							
Total Crops	70,046	136,674	131,243	154,538	182,652	227,076	301,505
Livestock & Products	551,759	1,071,012	1,118,088	1,393,801	1,608,058	1,821,181	2,110,626
Other*	68,070	163,904	173,166	168,547	185,200	204,361	258,837
Total Cash Receipts	689,875	1,371,590	1,422,497	1,716,886	1,975,910	2,252,618	2,670,968
CANADA(1)							
Total Crops	1,758,341	4,672,483	4,435,223	5,046,601	6,128,703	6,987,464	8,921,777
Livestock & Products	2,641,445	4,974,789	5,262,128	6,579,166	7,733,267	8,385,805	8,964,023
Other*	148,685	420,899	492,994	390,880	396,390	435,771	712,156
Total Cash Receipts	4,548,471	10,068,171	10,190,345	12,016,647	14,258,360	15,809,040	18,597,956

r - revised p - preliminary

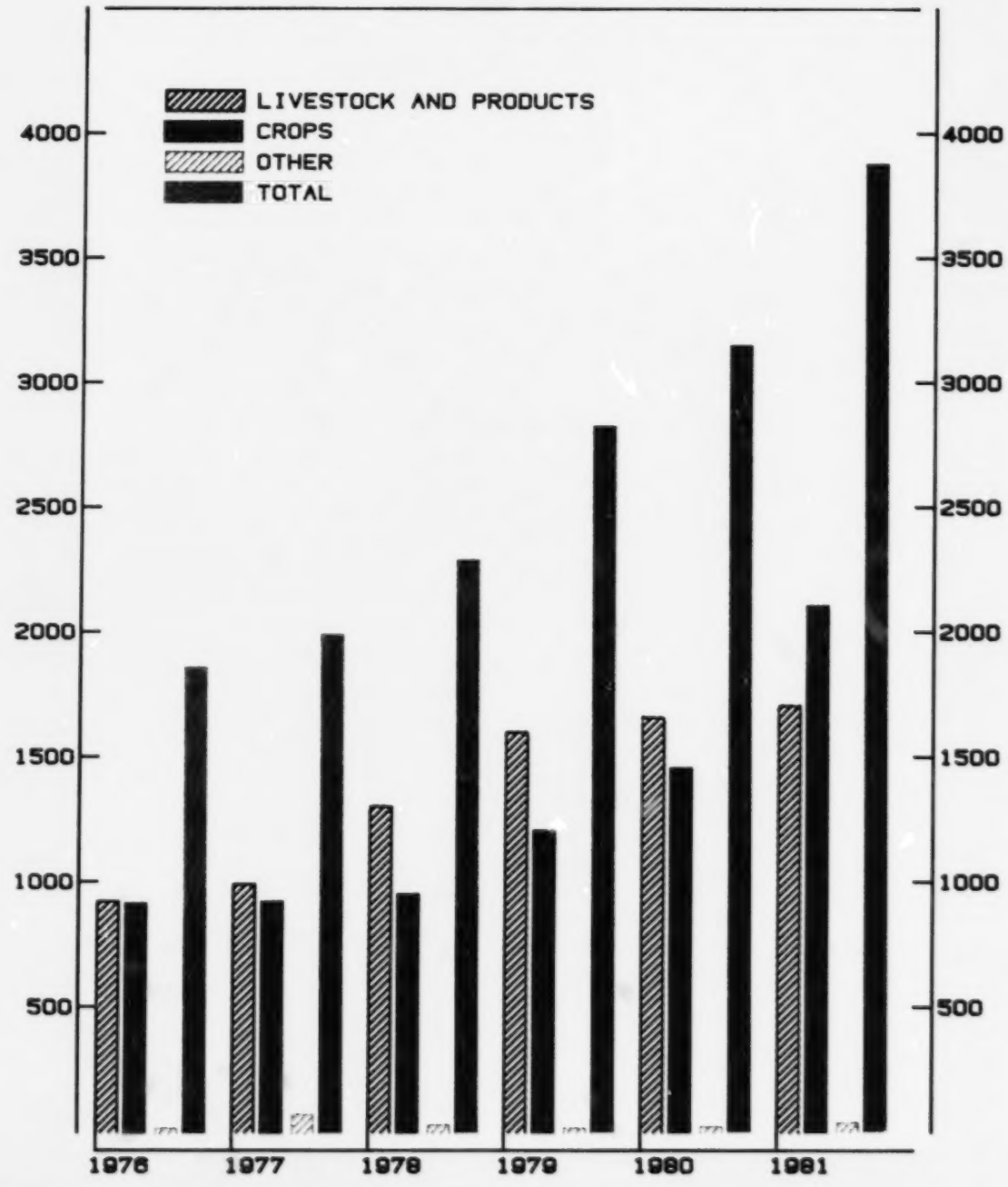
(1) Excludes Newfoundland.

* Other includes Forest and Maple Products, Provincial Income Stabilization Program (where applicable), Dairy Supplementary Payments, Deficiency Payments and Supplementary Payments.

SOURCE: Statistics Canada, "Farm Cash Receipts," Catalogue No.'s 21-202 and 21-001.

GRAPH 19

FARM CASH RECEIPTS FROM FARMING OPERATIONS ALBERTA, 1976 - 1981 ($MILLIONS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 21-202

TABLE 102
FARM CASH RECEIPTS FROM FARMING OPERATIONS
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979r	1980r	1981p
Wheat	128,896	352,228	338,948	290,502	370,533	585,909	922,413
Wheat, C.W.B. Payments (1)	18,525	74,125	21,675	20,889	76,234	70,359	233,004
Oats	8,191	24,212	20,352	15,612	14,343	27,754	25,590
Oats, C.W.B. Payments (1)	299	2,997	3,774	1,844	-	27	-
Barley	77,899	213,413	160,928	168,125	222,284	292,217	417,330
Barley, C.W.B. Payments (1)	7,629	18,301	50,756	37,512	20,468	18,918	48,822
Western Grain Stabilization Payments	N/A	N/A	N/A	27,600	59,600	-	-
C.W.B. Cash Advances	17,811	29,923	30,212	26,228	25,998	20,476	77,467
C.W.B. Cash Advance Repayments	-36,309	-14,440	-31,621	-24,814	-36,429	-18,744	-47,674
Deferred Grain Receipts	-	-128,223	-110,365	-72,983	-78,576	-143,537	-200,377
Liquidation Deferred Grain Receipts	-	153,885	128,223	110,365	72,983	78,576	143,537
Crop Insurance Payments	2,438	16,816	38,780	22,500	24,767	32,948	27,300
Rye	2,375	8,754	6,820	6,957	12,545	30,485	29,426
Flaxseed	12,463	12,388	9,565	9,122	17,837	29,642	16,049
Canola	45,692	80,492	183,199	236,721	314,652	304,535	277,403
Sugar Beets	10,584	20,810	17,744	17,180	21,163	44,821	35,504
Potatoes	7,714	13,469	14,044	13,022	13,976	14,918	19,915
Vegetables	2,867	7,736	7,802	8,192	10,318	12,540	15,051
Floriculture and Nursery	-	10,611	14,220	15,374	19,433	23,816	25,578
Other Crops	11,145	19,138	20,395	24,109	25,494	32,583	39,965
Total Crops	318,219	916,635	925,451	954,057	1,207,623	1,458,243	2,106,303
Cattle	282,260	608,408	662,940	892,802	1,147,925	1,160,523	1,146,810
Calves	7,992	21,418	15,295	44,741	33,357	37,270	32,127
Hogs	78,623	112,579	117,431	154,234	168,649	170,897	195,446
Sheep and Lambs	1,728	3,649	3,473	2,989	5,326	7,904	6,010
Dairy Products	46,843	92,663	99,390	106,729	123,108	148,282	173,992
Poultry	22,480	41,017	44,819	48,601	61,227	64,092	80,044
Eggs	13,910	25,277	25,979	27,299	32,189	37,377	41,717
Other Livestock and Products	9,438	15,821	19,437	24,737	27,609	31,251	28,512
Total Livestock and Products	463,274	920,832	988,764	1,302,132	1,599,390	1,657,596	1,704,658
Forest and Maple Products	499	851	743	907	1,049	980	978
Dairy Supplementary Payments	6,743	16,855	16,979	17,683	14,848	15,612	17,263
Deficiency Payments (2)	591	3,456	15,603	12,097	598	3,186	13,815
Provincial Income Stabilization Programme	-	-	-	41,703	-	-	2,831
Cash Receipts From Farming Operations	789,326	1,858,629	1,989,243	2,286,876	2,823,508	3,135,617	3,845,648
Supplementary Payments (3)	5,633	-	-	-	-	12,604	30,605
TOTAL CASH RECEIPTS	794,959	1,858,629	1,989,243	2,286,876	2,823,508	3,148,221	3,876,253

r - revised p - preliminary - nil

(1) Represents participation payments made by the Canadian Wheat Board direct to producers on crops delivered in previous years.

(2) Payments made under the provisions of the Agricultural Stabilization Act.

(3) Payments made under the provisions of the Prairie Farms Assistance Act and Lower Inventory for Tomorrow (LIFT) programme.

SOURCE: Statistics Canada, "Farm Cash Receipts," Catalogue No.'s 21-202 and 21-001.

TABLE 103
NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979r	1980r	1981p
Cash Receipts from Sales of Farm Products	789,326	1,858,629	1,989,243	2,286,876	2,823,508	3,135,617	3,845,648
Supplementary Payments	5,633	-	-	-	-	12,604	30,605
Income in Kind	16,122	21,980	22,897	29,402	34,678	34,147	35,407
Realized Gross Income (1)	811,081	1,880,609	2,012,140	2,316,278	2,858,186	3,182,368	3,911,660
Operating and Depreciation Charges	605,009	1,466,990	1,561,508	1,771,741	2,174,163	2,508,498	2,863,853
Realized Net Income (2)	206,072	413,619	450,632	544,537	684,023	673,870	1,047,807
Value of Inventory Change	17,144	93,215	-76,103	94,227	80,085	121,566	22,576
Total Gross Income (3)	828,225	1,973,824	1,936,037	2,410,505	2,938,271	3,303,934	3,934,236
Total Net Income (4)	223,216	506,834	374,529	638,764	764,108	795,436	1,070,383

r - revised p - preliminary - nil
(1) Sum of Cash Receipts, Income in Kind and Supplementary Payments.
(2) Realized Gross Income Less Operating and Depreciation Charges.
(3) Sum of Realized Gross Income and Value of Inventory Change.
(4) Total Gross Income Less Operating and Depreciation Charges.

SOURCE: Statistics Canada, "Farm Net Income." Catalogue No. 21-202.

TABLE 104
FARM OPERATING EXPENSES AND DEPRECIATION CHARGES
Alberta
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980r	1981p
Taxes	20,393	26,749	28,393	31,103	31,109	35,109	37,918
Gross Farm Rent	31,398	74,314	76,635	96,862	118,480	145,705	148,297
Wages	39,521	81,670	89,343	97,410	105,486	127,551	132,694
Interest on Indebtedness	57,514	159,442	164,508	208,058	306,907	362,243	484,919
Fuel and Lubricants	58,213	105,899	118,522	126,876	151,236	176,872	235,594
Machinery Repairs and Other Expenses	72,356	156,722	158,844	168,257	177,825	217,929	254,759
Fertilizer and Limestone	29,966	107,156	114,696	142,352	179,205	202,906	252,009
Other Crop Expenses	22,260	59,768	63,412	83,215	102,430	117,195	129,534
Feed	50,718	139,601	151,128	135,078	168,458	196,652	217,104
Other Livestock Expenses	25,889	63,213	71,993	122,585	178,574	166,957	129,523
Repairs to Buildings	12,374	38,712	31,835	33,434	37,522	39,180	42,589
Electricity and Telephone	21,423	33,995	38,736	42,323	44,324	50,540	58,606
Miscellaneous	42,681	109,996	109,947	99,649	116,597	142,612	160,303
Total Operating Expenses	484,706	1,157,237	1,217,992	1,387,202	1,718,153	1,981,451	2,283,849
Depreciation Charges	120,303	309,753	343,516	384,539	456,010	527,047	580,004
Buildings	16,039	46,996	48,448	51,913	71,285	87,128	86,518
Machinery	104,264	262,757	295,068	332,626	384,725	439,919	493,486
Total Operating Expenses and Depreciation Charges	605,009	1,466,990	1,561,508	1,771,741	2,174,163	2,508,498	2,863,853

r - revised p - preliminary

SOURCE: Statistics Canada, "Farm Net Income," Catalogue No.21-202.

TABLE 105
FARM INCOME IN KIND
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980r	1981p
Dairy Products	3,300	3,530	3,315	3,589	3,589	3,589	3,589
Poultry and Eggs	1,922	2,747	3,165	3,054	3,091	3,021	3,405
Meat	5,948	7,216	8,051	13,447	17,841	17,195	17,109
Fruit and Vegetables	3,567	6,073	6,237	6,779	7,158	7,580	8,530
Honey and Maple Products	34	111	116	138	138	75	79
Forest Products	1,348	2,299	2,008	2,390	2,838	2,676	2,685
Wool	3	4	5	5	23	11	10
TOTAL	16,122	21,980	22,897	29,402	34,678	34,147	35,407

SOURCE: Statistics Canada, "Farm Net Income," Catalogue No. 21-202.

TABLE 106
FARM CAPITAL
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979r	1980r	1981p
Land and Buildings	3,530,252	10,627,528	11,031,374	11,902,853	16,461,646	20,116,131	20,116,131
Livestock and Poultry(1)	803,855	1,127,716	1,126,921	1,725,033	2,530,562	2,600,706	2,563,416
Implements and Machinery	867,446	2,110,053	2,374,311	2,673,967	3,092,228	3,543,412	3,976,730
TOTAL	5,201,553	13,865,297	14,532,606	16,301,853	22,084,436	26,260,249	26,656,277

(1) Includes value of animals on fur farms
SOURCE: Statistics Canada, Farm Finance Section, Agricultural Division.

TABLE 107
SHIPMENTS OF GRAIN FROM COUNTRY ELEVATORS
ALBERTA
1971 - 1981

(Thousands of Metric Tonnes)

	1971	1976	1977	1978	1979	1980	1981
Wheat (Including Durum)	3,481	2,753	3,921	3,027	3,083	4,038	5,514
Oats	173	309	345	153	222	302	219
Barley	2,121	2,852	2,232	2,433	3,069	2,758	3,328
Rye	62	89	80	70	100	174	202
Flaxseed	145	47	40	32	48	55	62
Canola	389	253	513	543	893	628	524

SOURCE: Canadian Grain Commission

TABLE 108
AREA, YIELD AND PRODUCTION OF PRINCIPAL FIELD CROPS
ALBERTA
FOR THE YEARS ENDING JULY 31, 1971 - 1981

		1971	1976	1977	1978	1979	1980	1981
All Wheat								
Area	Acres (000)	3,443	5,600	4,800	5,100	5,200	5,900	6,500
Yield Per Acre	Kilograms	718	884	670	810	775	905	930
Production	M Tonnes	2,477	4,953	3,238	4,137	4,028	5,334	6,042
Oats for Grain								
Area	Acres (000)	1,954	1,800	1,550	1,450	1,250	1,300	1,500
Yield Per Acre	Kilograms	797	908	900	810	900	975	935
Production	M Tonnes	1,558	1,635	1,388	1,172	1,126	1,265	1,403
Barley for Grain								
Area	Acres (000)	5,689	5,550	5,450	5,050	4,550	5,400r	6,250
Yield Per Acre	Kilograms	858	988	1000	980	1,000	1,105r	1,055
Production	M Tonnes	4,877	5,487	5,443	4,964	4,550	5,966r	6,597
Flaxseed								
Area	Acres (000)	271	75	120	100	250	170	100
Yield Per Acre	Kilograms	328	406	400	510	445	495	560
Production	M Tonnes	89	30	48	51	112	84	56
Canola								
Area	Acres (000)	1,988	750	1,550	2,950	3,500	2,200	1,550
Yield Per Acre	Kilograms	365	447	520	475	410	515	485
Production	M Tonnes	726	336	805	1,406	1,440	1,134	748
All Rye								
Area	Acres (000)	249	184	200	250	250	250	300
Yield Per Acre	Kilograms	610	719	630	895	700	740	1,075
Production	M Tonnes	152	132	127	224	175	185	323
Tame Hay								
Area	Acres (000)	3,260	3,800	3,700	3,600	3,600	3,700	3,700
Yield Per Acre	Kilograms	1,863	1,470	1,570	1,865	1,740	1,595	1,740
Production	M Tonnes	6,063	5,600	5,806	6,713	6,260	5,897	6,441

SOURCE: Alberta Agriculture, "Agriculture Statistics Yearbook."

TABLE 109
LIVESTOCK ON FARMS
ALBERTA
July 1, 1971 - 1981

(Thousands)

	1971(1)	1976	1977	1978	1979	1980	1981p
Total Cattle	3,702.1	4,670.5	4,471.0	4,177.0	4,225.0	4,250.0	4,230.0
Bulls and Steers	599.9	874.0	785.0	753.0	1,040.0	960.0	995.0
Milk Cows & Dairy Heifers	223.6	186.5	191.0	184.0	190.0	190.0	185.0
Beef Cows & Beef Heifers	1,721.3	2,205.0	2,115.0	1,965.0	1,705.0	1,715.0	1,715.0
Calves	1,157.3	1,405.0	1,380.0	1,275.0	1,290.0	1,350.0	1,335.0
Hogs	1,739.1	879.0	940.0	968.0	1,175.0	1,310.0	1,255.0
Sheep & Lambs	244.9	183.0	160.0	155.0	185.0	200.0	205.0

r - revised p - preliminary
(1) Prior to 1975, estimates are based on June 1 Survey.
SOURCE: Alberta Agriculture, "Agriculture Statistical Yearbook."

TABLE 110
LIVESTOCK MARKETED AT STOCKYARDS AND PACKING PLANTS
ALBERTA
1971 - 1981

(Number)

	1971	1976	1977	1978	1979	1980	1981
Cattle	1,229,477	1,819,988	1,892,821	1,703,663	1,546,158	1,515,124	1,531,815
Calves	222,135	188,653	175,338	163,684	129,399	125,261	97,225
Sheep and Lambs	82,717	109,067	65,629	41,739	43,391	50,403	66,028
Hogs	1,037,305	1,085,981	1,172,488	1,179,253	1,406,129	1,629,258	1,580,747

SOURCE: Agriculture Canada

TABLE 111
VALUE OF FARM PRODUCTS
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980r	1981p
Dairy Factory Products	74,218	170,253	179,874	209,098	241,628	322,324	379,864
Fluid Milk	26,188	79,541	74,844	98,955	118,005	151,976	167,158
Fluid Cream	3,490	6,736	5,066	5,912	7,312	10,869	12,555
Creamery Butter	19,012	21,914	23,749	21,049	23,821	27,992	35,435
Cheddar Cheese	2,176	8,180	9,342	11,063	11,056	15,135	18,369
Ice Cream	10,603	18,724	18,796	20,107	19,996	31,587	34,563
Miscellaneous	12,749	35,158	48,077	52,012	61,438	84,765	111,784
Poultry	23,765	61,556	45,868	49,344	62,274	65,675	79,408
Fowl and Chicken	17,074	30,962	35,110	39,806	49,725	50,761	63,852
Turkey	6,167	18,010	10,758	9,538	12,549	14,914	15,556
Miscellaneous	524	-	-	-	-	-	-
Eggs	13,542	24,042	24,566	24,961	28,959	33,435	37,995
Honey and Wax	4,493	7,841	9,712	10,641	13,368	13,579	15,339

r - revised p - preliminary
SOURCE: Alberta Agriculture, "Agriculture Statistical Yearbook."

TABLE 112
FARM STATISTICS
ALBERTA
1971 - 1981

	1971	1976	1981
Total Population (June 1)	1,627,874	1,838,037	2,237,300
Farm Population	237,924	219,302	N/A
Percent on Farm	14.6	11.9	N/A
Number of Farms	62,702	61,130	58,056
Average Size of Farm(Acres)	790	817	813
Farms Classified by Size:			
Under 3 Acres (%)	0.3	0.3	0.6
3 - 9 Acres (%)	1.1	0.9	1.0
10 - 69 Acres (%)	4.0	5.8	5.8
70 - 239 Acres (%)	16.9	18.9	21.4
240 - 399 Acres (%)	20.1	17.8	16.2
400 - 559 Acres (%)	14.6	13.0	11.8
560 - 759 Acres (%)	13.1	11.9	11.0
760-1,119 Acres (%)	13.5	13.4	13.1
1,120 - 1,599 Acres (%)	7.7	8.2	8.6
1,600 - 2,239 Acres (%)	4.0	4.3	4.9
2,240 - 2,879 Acres(%)	1.7	2.0	2.1
2,880 Acres and Over(%)	3.0	3.5	3.6
Farms Operated By:			
Owner(%)	59.3	60.4	34.4
Tenant(%)	6.7	6.3	6.7
Owner-Tenant(%)	34.0	33.3	58.9
Manager(%)	1.0	1.0	0.0
Farm Capital:			
Land and Buildings ($ 000)	3,530,252	10,627,528	29,961,159
Machinery and Equipment ($ 000)	867,446	2,110,053	4,362,215
Livestock and Poultry ($ 000)	803,855	1,124,065	2,503,766
Total Capital Value ($ 000)	5,201,553	13,861,646	36,827,140

SOURCE: Statistics Canada Census of Agriculture and Alberta Agriculture "Agriculture Statistics Yearbook".

TABLE 113
VOLUME OF NEW MOTOR VEHICLE SALES
ALBERTA
1971 - 1981

	North American Passenger Cars	Overseas Manufactured Passenger Cars		All Commercial Vehicles	Total
		Japan	Europe		
		(Number)			
1971	40,779	(1)	15,032(1)	22,940	78,751
1975	61,523	9,326	3,082	54,356	128,287
1976	70,005	10,736	3,362	61,444	145,547
1977	70,519	11,682	4,481	65,245	151,927
1978	70,451	9,488	4,381	70,848	155,168
1979	76,607	7,813	4,027	79,486	167,933
1980	74,609	13,236	3,537	74,466	165,848
1981p	69,928	18,569	3,546	63,803	153,846
		(Percent Change)			
1975/76	13.8	15.1	9.1	13.0	13.5
1976/77	0.7	8.8	33.3	6.2	4.4
1977/78	-0.1	-18.8	-2.2	8.6	2.1
1978/79	8.7	-17.7	-8.1	12.2	8.2
1979/80	-2.6	69.4	-12.2	-6.3	-1.2
1980/81p	-9.0	40.3	0.3	-14.3	-7.2

p - preliminary
(1) In 1971, the data made no distinction between passenger cars manufactured in Japan and those manufactured in Europe.
SOURCE: Statistics Canada, "New Motor Vehicle Sales," Catalogue No.'s 63-208 and 63-007.

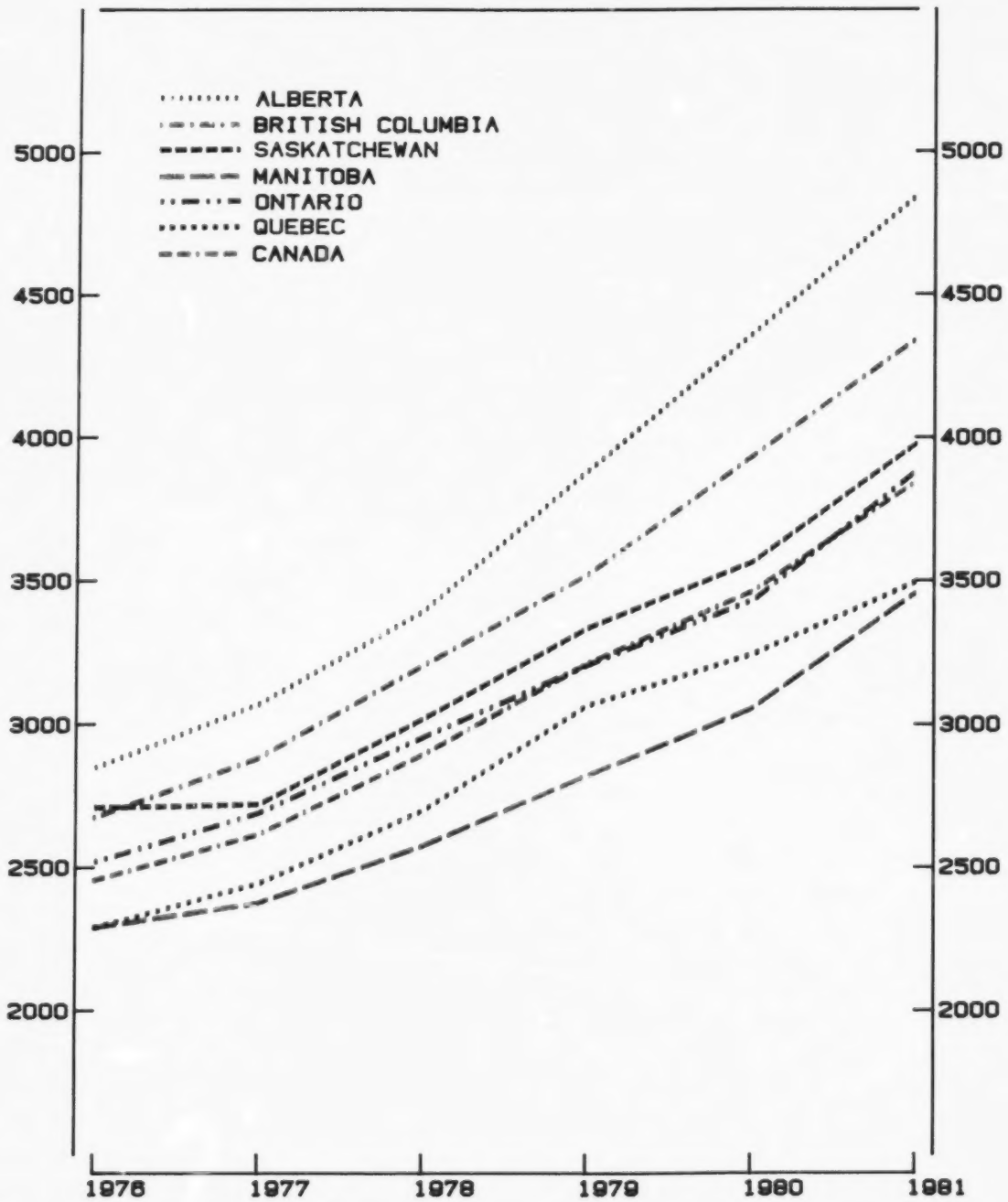
TABLE 114
VALUE OF NEW MOTOR VEHICLE SALES
ALBERTA
1971 - 1981

	North American Passenger Cars	Overseas Manufactured Passenger Cars		All Commercial Vehicles	Total
		Japan	Europe		
		($ Thousands)			
1971	157,424	(1)	40,550(1)	108,889	306,863
1975	331,988	35,537	17,912	364,102	749,539
1976	417,457	44,822	21,698	445,620	929,597
1977	455,100	50,338	31,164	523,937	1,060,538
1978	506,094	49,522	34,481	645,280	1,235,377
1979	614,559	51,821	39,584	873,192	1,579,156
1980	673,353	89,772	45,491	920,154	1,728,770
1981p	706,160	149,244	58,213	860,372	1,773,989
		(Percent Change)			
1975/76	25.7	26.1	21.1	22.4	24.0
1976/77	9.0	12.3	43.6	17.6	14.1
1977/78	11.2	-1.6	10.6	23.2	16.5
1978/79	21.4	4.6	14.8	35.3	27.8
1979/80	9.6	73.2	14.9	5.4	9.5
1980/81p	4.9	66.2	28.0	-6.5	2.6

p - preliminary
(1) In 1971, the data made no distinction between passenger cars manufactured in Japan, and those manufactured in Europe.
SOURCE: Statistics Canada, "New Motor Vehicle Sales," Catalogue No.'s 63-208 and 63-007.

GRAPH 20

PER CAPITA RETAIL TRADE
CANADA AND SELECTED PROVINCES, 1976 - 1981
(DOLLARS)



SOURCE: STATISTICS CANADA CATALOGUE NO. 63-005

TABLE 115
RETAIL TRADE
CANADA AND SELECTED PROVINCES
1972 - 1981

	Alta.	B.C.	Sask.	Man.	Ont.	Que.	Can.
			($ Millions)				
1972r(1)	2,728.3	3,986.9	1,363.4	1,476.3	13,058.4	8,611.9	34,086.2
1976r	5,289.7	6,674.8	2,522.1	2,370.9	21,057.0	14,447.9	57,127.6
1977r	5,923.7	7,283.8	2,569.3	2,474.1	22,718.9	15,563.3	61,622.7
1978r	6,793.2	8,226.5	2,874.1	2,687.8	25,186.3	17,196.0	68,778.6
1979r	8,052.8	9,194.6	3,202.5	2,935.9	27,515.3	19,624.5	77,025.1
1980r	9,410.7	10,572.0	3,452.7	3,163.9	29,666.2	20,894.9	84,026.6
1981p	10,906.4	11,999.8	3,876.2	3,578.4	33,732.4	22,670.6	94,292.8
			(Percent Change)				
1976/77r	12.0	9.1	1.9	4.4	7.9	7.7	7.9
1977/78r	14.7	12.9	11.9	8.6	10.9	10.5	11.6
1978/79r	18.5	11.8	11.4	9.2	9.2	14.1	12.0
1979/80r	16.9	15.0	7.8	7.8	7.8	6.5	9.1
1980/81p	15.9	13.5	12.3	13.1	13.7	8.5	12.2

r - revised p - preliminary

(1) Due to major revisions to survey methodology, comparable data is not available for 1971.

SOURCE: Statistics Canada, "Retail Trade," Catalogue No.'s 63-005 and 63-224.

TABLE 116
PER CAPITA RETAIL TRADE
CANADA AND SELECTED PROVINCES
1972 - 1981

	1972r(1)	1976r	1977r	1978r	1979r	1980r	1981p
			(Dollars)				
Alberta	1,646	2,878	3,099	3,424	3,912	4,392	4,875
British Columbia	1,779	2,706	2,914	3,236	3,551	3,965	4,373
Saskatchewan	1,492	2,738	2,749	3,046	3,362	3,592	4,003
Manitoba	1,489	2,321	2,406	2,605	2,851	3,085	3,487
Ontario	1,672	2,548	2,719	2,983	3,235	3,460	3,911
Quebec	1,423	2,317	2,472	2,725	3,092	3,269	3,521
Canada	1,563	2,485	2,646	2,923	3,241	3,493	3,874

r-revised p-preliminary

(1) Due to major revisions to survey methodology, comparable data is not available for 1971.

SOURCE: Statistics Canada, "Retail Trade," Catalogue No.'s 63-005 and 63-224 and
Statistics Canada, "Estimates of Population for Canada and Provinces ", Catalogue No. 91-201.

TABLE 117
RETAIL TRADE BY KIND OF BUSINESS
ALBERTA
1972 - 1981

($ Thousands)

	1972(1)	1976	1977r	1978r	1979r	1980r	1981p
Combination Stores (Grocery and Meat)	429,389	703,846	774,173	934,290	1,161,213	1,375,546	1,618,063
Grocery, Confectionery and Sundries Stores	70,514	119,806	150,146	198,844	254,436	318,248	392,750
All Other Food Stores	31,672	44,551	51,534	53,741	56,115	62,537	92,033
Department Stores	440,202	840,982	916,705	1,023,634	1,174,957	1,335,192	1,521,332
General Merchandise Stores	108,593	183,943	195,186	207,928	209,208	228,271	238,828
General Stores	65,320	192,813	246,803	279,476	293,497	367,038	442,435
Variety Stores	37,954	44,222	46,618	52,106	62,581	69,113	72,803
Motor Vehicle Dealers	560,672	1,241,541	1,347,513	1,614,852	2,003,034	2,202,707	2,405,379
Service Stations	179,467	338,590	415,158	425,035	467,006	513,573	669,650
Garages	22,326	45,566	46,271	37,635	42,995	58,478	72,495
Automotive Parts & Accessories Stores	37,751	71,011	88,714	99,163	128,539	175,784	220,259
Men's Clothing Stores	41,522	82,753	83,916	101,444	125,391	150,292	167,485
Women's Clothing Stores	41,450	83,502	98,219	116,765	137,701	167,548	199,048
Family Clothing Stores	33,958	76,525	83,725	94,407	108,744	128,610	149,013
Family Shoe Stores	15,651	33,829	35,513	40,593	50,704	60,939	72,871
Hardware Stores	43,888	68,576	74,923	76,038	75,227	74,298	77,133
Household Furniture Stores	32,587	69,895	78,935	105,515	112,228	130,203	145,532
Household Appliance Stores	23,775	30,127	28,006	30,719	26,590	35,944	49,799
Furniture, T.V., Radio and Appliance Stores	13,328	18,186	22,482	28,378	60,433	50,650	59,157
Pharmacies, Patent Medicine and Cosmetic Stores	77,814	143,190	165,773	195,100	240,602	281,270	341,994
Book and Stationery Stores	3,974	13,376	18,850	24,277	28,286	31,158	34,229
Florists	6,967	15,141	18,558	22,991	29,369	43,496	48,944
Jewellery Stores	18,524	44,203	54,019	57,895	73,674	89,476	101,535
Sporting Goods & Accessories Stores	28,898	54,494	65,544	85,304	107,557	133,854	159,865
Personal Accessories Stores	18,325	44,954	60,920	69,163	85,846	105,017	115,781
All Other Stores	335,189	673,201	740,966	802,447	926,484	1,207,270	1,411,981
TOTAL	2,728,329	5,289,685	5,923,651	6,793,246	8,052,816	9,410,720	10,906,402

r-revised p-preliminary

NOTE: Total includes used car dealers and specialty shoe stores.

(1) Due to major revisions in survey methodology, comparable data is not available for 1971.

SOURCE: Statistics Canada, "Retail Trade," Catalgoue No.'s 63-005 and 63-224.

TABLE 118
ESTIMATED TOURISM RECEIPTS
ALBERTA
1971 - 1981

($ Thousands)

	1971	1976	1977	1978	1979	1980	1981
Alberta Travellers	224,528	465,046	509,944	578,944	630,000	725,000	837,000
Other Canadian Travellers	84,985	176,930	191,602	213,138	248,000	280,000	324,000
U.S.A. Travellers (1)	59,800	97,750	98,000	99,490	98,000	109,000	122,000
Overseas Travellers	4,900	27,300	27,200	41,400	56,000	63,000	68,000
Total Receipts	374,213	767,026	826,746	932,972	1,032,000	1,177,000	1,350,000

(1) Extrapolated in both directions using 1971 and 1976 Travel Surveys. Revised in 1977, 1978 and 1979 by adjusting for the change in direct entries. No adjustments for changes in spending, except inflation (C.P.I.).

SOURCE: Travel Alberta, Small Business and Tourism

TABLE 119
TRAVEL STATISTICS
ALBERTA
1971 - 1981

(Number)

	1971	1976	1977	1978	1979	1980	1981
U.S. Vehicles Entering Through Alberta Border Points(2)r	(1)	194,056	153,280	134,184	115,892	129,546	139,043
Persons Entering Customs in Alberta (2)							
United States Visitors	497,198	549,475	477,230	447,547	416,050	451,881	485,671
Overseas Visitors	20,945	55,724	62,655	79,199	97,800	95,321	104,815
Canadian Residents Returning From the U.S.	406,500	720,688	729,049	707,926	740,903	825,360	817,494
Traffic Counts for National Parks (3)							
Banff (East Gate)	2,465,856	3,208,680	3,200,252	3,518,452	4,114,503	4,657,849	5,028,622
Banff (David Thompson)	-	242,090	213,676	241,101	219,362	215,692	254,644
Elk Island	313,800	332,530	419,556	432,508	400,973	433,946	509,283
Jasper	1,365,604	1,828,281	1,860,915	1,962,777	1,979,947	2,109,393	2,183,505
Waterton Lakes	554,627	486,916	504,864	666,589	676,112	678,520	662,188
Total	4,699,887	5,936,636	6,160,190	6,876,975	7,390,897	8,095,644	8,638,242

(1) Due to revisions in survey methodology, comparable data is not available for 1971

(2) SOURCE: Statistics Canada, "Travel Between Canada and Other Countries," Catalogue No. 66-001.

(3) SOURCE: Parks Canada

TABLE 120
HIGHWAYS AND ROADWAYS
ALBERTA
For Years Ending March 31, 1971 - 1981

(Kilometers)

	1971	1976	1977r	1978r	1979r	1980	1981
Primary Highways							
Gravelled	2,651	969	1,273	1,338	1,265	1,344	1,409
Oil Treated	-	1,320	1,126	1,362	1,586	1,488	1,281
Paved							
2-lane	7,564	8,552	8,698	9,015	9,190	9,507	9,748
4-lane	612	626	626	618(1)	613(1)	613	613
6-lane	34	42	42	42	42	43	43
Total Paved	8,210	9,220	9,366	9,675	9,845	10,163	10,404
Total Kilometers	10,860	11,508	11,765	12,375	12,696	12,995	13,094
Approach Roads							
Gravelled	89	37	34	49	50	38	30
Oil Treated	-	43	48	43	42	42	50
Paved	179	229	219	225	225	240	240
Total Kilometers	267	309	301	317	317	320	320
Park, Secondary & Local Roads							
Graded	27,586	27,373	25,412	24,781	24,294	24,718	24,605
Gravelled	96,551	93,435	94,806	92,265	96,605	96,658	97,726
Oil Treated	2,313	10,274	11,009	11,330	11,666	11,567	11,685
Paved	602	1,666	2,286	2,351	2,598	2,528(1)	3,432
Total Kilometers	127,051	132,748	133,513	130,727	135,163	135,471	137,448
All Highways & Roadways							
Graded	27,586	27,373	25,412	24,781	24,294	24,718	24,605
Gravelled	99,291	94,441	96,113	93,652	97,920	98,040	99,165
Oil Treated	2,313	11,637	12,183	12,735	13,294	13,097	13,016
Paved							
2-lane	8,345	10,446	11,203	11,591	12,013	12,275	13,420
4-lane	612	626	626	618(1)	613(1)	613	613
6-lane	34(1)	42	42	42	42	43	43
Total Paved	8,990	11,114	11,871	12,251	12,667	12,931	14,076
Total Kilometers	138,178	144,565	145,579	143,419	148,176	148,785	150,862

NOTE: Component items may not add to total due to rounding.
(1) Decrease due to mileage incorporated into city limits.
SOURCE: Alberta Transportation

TABLE 121
MOTOR VEHICLE REGISTRATION BY TYPE
ALBERTA
For Years Ending March 31, 1971 - 1981

	1971	1976	1977	1978	1979	1980r	1981
Passenger Cars	525,524	704,743	760,861	855,419	949,233	1,026,502	1,126,990
Trucks	214,120	319,193	335,568	370,600	405,679	438,890	458,881
Buses	1,062	1,698	1,993	2,154	2,360	2,440	2,773
Rental Vehicles	3,485	7,202	7,537	6,991	8,622	11,546	13,357
Taxis	1,411	1,794	1,749	2,005	2,429	2,826	3,208
School Buses	3,764	4,020	1,173	4,206	4,206	4,488	4,632
Trailers	95,595	154,362	171,584	184,196	204,277	214,836	233,227
Motorcycles	19,393	29,621	31,586	33,861	40,644	44,722	52,937
Other (1)	3,376	5,790	6,975	7,848	8,780	10,885	10,959
TOTAL	867,730	1,228,423	1,319,026	1,467,280	1,626,230	1,757,135	1,906,964

(1) Other includes pole trailers and dealers.
SOURCE: Alberta Motor Vehicles Branch, Solicitor General

TABLE 122
SCHEDULED(1) AIRLINE PASSENGER TRAFFIC, AIR MAIL AND CARGO TRAFFIC EDMONTON AND CALGARY
1971 - 1980

	1971	1975	1976	1977	1978	1979	1980
Edmonton International							
Passenger (000)	605	1,366	1,443	1,582	1,752	2,112	2,339
Mail (M kg)	2,606	3,936	5,243	6,013	6,182	7,097	6,968
Cargo (M kg)	8,374	17,248	18,331	20,092	24,808	24,025	28,004
Edmonton Municipal							
Passenger (000)	387	607	575	696	763	853	923
Mail (M kg)	875	274	211	223	215	251	196
Cargo (M kg)	3,890	3,052	2,149	2,266	1,430	1,701	1,950
Calgary International							
Passenger (000)	1,262	2,218	2,297	2,593	2,926	3,585	4,031
Mail (M kg)	2,598	3,089	3,917	4,377	4,585	5,427	6,302
Cargo (M kg)	9,140	14,039	16,751	17,734	19,452	23,407	23,126

NOTE: The above figures consist of the sum of deplaned and enplaned passengers and load.

(1) Excluding charter flights.

SOURCE: Statistics Canada, "Air Carrier Traffic at Canadian Airports," Catalogue No. 51-203.

TABLE 123
TOTAL AIRCRAFT MOVEMENTS (1) SELECTED ALBERTA AIRPORTS
1971 - 1981

	1971	1976	1977	1978	1979	1980r	1981p
Calgary International	180,009	199,774	208,170	196,576	225,619	235,422	233,205
Edmonton Municipal	175,825	279,867	213,060	193,593	201,036	194,883	185,965
Edmonton International	84,812	99,504	91,850	87,079	100,194	99,913	94,949
Footner Lake	9,399	8,474	9,878	15,674	11,839	17,087	19,103
Fort Chipewyan	-	6,213	5,639	5,982	8,910	5,637	5,549
Fort McMurray	9,484	46,026	52,441	47,835	55,395	46,895	62,843
Grande Prairie	38,496	37,514	45,540	57,122	68,018	76,574	71,825
Lac La Biche	2,356	810	N/A	N/A	N/A	N/A	N/A
Lethbridge	50,540	73,570	64,792	53,300	56,741	50,283	57,180
Medicine Hat	13,885	47,101	34,466	27,379	25,411	26,252	31,584
Peace River	16,553	26,436	29,452	30,264	26,400	23,871	28,262
Rainbow Lake	3,444	1,338	803	590	862	3,251	3,055
Red Deer	43,858	55,396	57,112	49,078	51,714	57,812	55,979
Spring Bank	142,709	203,467	201,608	207,275	241,149	227,702	232,058
Vermilion	1,366	12,376	16,107	13,613	10,252	9,913	12,440
Whitecourt	3,509	17,453	10,872	16,365	18,230	22,993	20,620

r - revised p - preliminary

(1) These statistics show the total of landings and take-offs of itinerant and local flights, a local movement being one in which the aircraft remains at all times within the airport tower control zone, an itinerant movement being one in which the aircraft enters or leaves the airport tower control zone.

SOURCE: Transport Canada, Aviation Statistics Centre, "Aircraft Movement Statistics."

GLOSSARY

GLOSSARY

BIRTH RATE

The number of live births occurring in one year per 1,000 mid-year population.

CENSUS METROPOLITAN AREA (CMA)

Refers to the main labour market area of an urbanized core (or continuously built-up area) having 100,000 or more population. CMA's are comprised of (1)municipalities completely or partly inside the urbanized core; and (2)other municipalities if (a)at least 40% of the employed labour force living in the municipality works in the urbanized core, or (b)at least 25% of the employed labour force working in the municipality lives in the urbanized core.

Edmonton (CMA) includes Fort Saskatchewan, St. Albert, Gibbons, Morinville, Bon Accord, Edmonton, Legal, Strathcona County No. 20, Sturgeon M.D. 90, Alexander Reserve No.134 and Redwater(1981).

CENSUS VALUE ADDED

Census Value Added is a measure of total net production of an industry. It includes the value of goods and/or services produced, plus costs of purchased services and overhead charges such as advertising, insurance, rent and indirect taxes, such as property taxes and license fees.

Note: Census Value Added differs from Gross Domestic Product in that these service and overhead expenses are charged against the production of the industry incurring the costs.

CHARTERED BANK RATES

The Chartered Bank Rate for 90-Day Deposit Receipts are weighted averages of actual rates on all large transactions for the week ending on the Wednesday of the month.

CONSUMER PRICE INDEX

The Consumer Price Index (CPI) is a price index which measures the percentage change through time of a constant quantity and quality of goods and services purchased by a representative Canadian urban family in a specified time period. This "basket" of goods and services is of unchanging or equivalent quality and quantity for which there is a continually measurable market price over time.

At a designated time the index is set equal to 100. Movements of the index from this base are expressed as percentage changes and indicate either an increase or a decrease in the price of the market "basket". The current CPI is published with a 1971 time base.

The CPI for each city measures price changes from one time period to another within that specific city. Thus, while city CPI's show the movement of prices in each city, they do not indicate price level differences between cities, or between cities and Canada.

The CPI is not a measure of true inflationary - deflationary trends. The inference of using the CPI as a measure of true inflation or deflation is incorrect. The CPI only measures percentage changes of a "basket" of commodities - not all items which contribute to inflation or deflation are included.

There is still a prevalent misconception that the CPI measures all changes in the cost of living and that the CPI is a cost of living index. A "Cost of Living Index"measures changes in the price behaviour of a wide range of goods and services consumed by the majority of the population. The "Consumer Price Index" concentrates on a "basket" of commodities consumed by a specific population group over a period of time. Therefore, the "Consumer Price Index" cannot be generalized as being representative of all prices facing the consumer.

DEATH RATE

The number of deaths occuring in one year per 1,000 mid-year population.

DIVORCE RATE

The number of divorces per 1,000 population.

DWELLING UNITS

i) Single Detached
This type is commonly called a "single house". It contains only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

ii) Two Family
This category comprises single attached (double) and apartment, flat (duplex). Double-duplexes(four-plex) and row-duplexes are not included in this category.

iii) Row
This comprises only single attached houses in a row of three or more dwellings. Row-duplexes are not included in this category.

iv) Apartment and Other
This comprises apartment, flat (other), i.e.
-double duplexes
-triplexes
-row-duplexes
-apartments as commonly known
-dwellings over, or at the back of, a store or non-residential structure.

EMPLOYED

The employed includes all persons who during the reference week:

i) did any work at all
ii) had a job but were not at work due to:
-own illness or disability
-personal or family responsibilities
-bad weather
-labour dispute
-vacation

EMPLOYMENT/POPULATION RATIO

The employment/population ratio represents employment as a percentage of the population 15 years of age and over. The employment/population ratio for a particular group (age, sex, marital status, etc.) is the employment in that group expressed as a percentage of the population for that group.

FARM CASH RECEIPTS

This is a measure of the return to agricultural producers from the sale of all farm products except those associated with direct interfarm transfers. Also included are Wheat Board participation payments, cash advances for farm stored grains and deferred grain receipts in Western Canada, deficiency payments made by provincial governments and the agricultural stabilization board, and provincial income stabilization payments.

FARM INCOME IN KIND

Farm Income in Kind consists of the commodities produced on the farm and consumed by the farm family, valued at their market prices.

GLOSSARY (Continued)

GOVERNMENT OF CANADA SECURITY YIELDS

These yields refer to direct debt payable in Canadian dollars, including extendible issues but excluding perpetuals and Canada Savings Bonds.

GROSS DOMESTIC PRODUCT (GDP) IN CONSTANT DOLLARS

This is a measure of total production during a given time frame and a given geographical location which is valued in prices for some base year. For Alberta, the base year used is 1971.

GROSS DOMESTIC PRODUCT (GDP) IN CURRENT DOLLARS

This is the value of total production in a given geographical area for a specific time period. It is measured in prices which prevail during the period being valued. However, it does not mean that the income arising out of production in this region necessarily accrues to residents of the region. At the Canada level, GDP at Market Prices can be obtained by taking GNP at Market Prices, subtracting Investment Income received from Non-Residents, and adding Investment Income paid to Non-Residents.

IMPLICIT PRICE INDEXES

These are currently-weighted price indexes which measure yearly changes in prices as well as changes in expenditure patterns between items. They are calculated by dividing the current dollar values of the components of Gross Domestic Product by their deflated constant dollar series.

LABOUR FORCE

The labour force is comprised of that portion of the civilian non-institutional population 15 years of age and over who, during the reference week were employed or unemployed.

MAN DAYS LOST DUE TO WORK STOPPAGES

Direct working time lost from strikes and lockouts.

MARRIAGE RATE

The number of marriages per 1,000 population.

MORTGAGE LENDING RATES

The prime conventional mortgage rate is a simple average of rates as at mid-month charged by a number of large institutional lenders for residential mortgage loans.

The National Housing Act (NHA) rates shown are weighted averages of rates charged by the approved lenders.

NATURAL INCREASE

Excess of births over deaths.

NEW HOUSING PRICE INDEX

New Housing Price Indexes measure the changes in selling prices of new houses constructed by large and medium volume builders. The price includes the house and the serviced lot on which it stands. Elements of quality change are excluded.

NOT IN THE LABOUR FORCE

That portion of the civilian non-institutional population 15 years of age and over who, during the reference week were neither employed nor unemployed.

PARTICIPATION RATE

The participation rate represents the labour force as percentage of the population 15 years of age and over. The participati rate for a particular group (age, sex, marital status, etc.) is the labo force in that group expressed as a percentage of the population for th group.

PERSONAL DISPOSABLE INCOME

This equals personal income minus direct taxes and oth current transfers to government by persons.

PERSONAL INCOME

This is a measure of all income received by Albertans. includes. wages, salaries and supplementary labour income; military pa and allowances; net income of non-farm unincorporated business; n income received by farm operators from farm production (excluding th adjustment on grain transactions); interest, dividends, ar miscellaneous investment income; and all transfer payments received b persons.

PRIME BUSINESS LENDING RATE

This is the interest rate charged to the most credit-worth borrowers. The rate shown is as at month-end. When there ar differences in the rate charged by individual banks, the most typical rat or rates are taken. Since May, 1973 the chartered banks have had i effect a lower base rate for small business loans under authorizations o $200,000 or less. The rate shown in the table applies to large busines loans.

PRIVATE AND PUBLIC INVESTMENT

The Private and Public Investment estimates cover tota outlays for construction and for the acquisition of producers' machiner and equipment by Canadian business, institutions and governments together with expenditures for housing.

SPATIAL PRICE INDEX

A Spatial Price Index, or Place-to-Place Price Index, should not be confused with the Consumer Price Index (CPI). Place-to-Place Price Indexes indicate price differences of a standard basket of goods and services between a community and a base location utilizing a specified reference period. In this case, it is June 1981. The indexes o the base location are standardized to 100 to enable these comparisons.

TAXATION STATISTICS

Taxation Statistics are based on individuals that have filed tax returns with Revenue Canada, Taxation. These figures should not be used to arrive at a per capita personal income figure for the province or sub-provincial areas for the following reasons:

i) did any work at all
ii) had a job but were not at work due to:
i) some individuals (e.g. students) who have earned small amounts of income during a year may not file a return with Revenue Canada, Taxation.
ii) some taxfilers may not report all income received, i.e. understating their income.
iii) imputed income is not included in taxation statistics, e.g. free room and board, clothing, etc. provided to employees.

A true per capita personal income figure is only available at a provincial level. Taxation statistics do not give an accurate per capita personal income figure for Alberta or localities in Alberta because not all the components that comprise the income account of the personal sector are included in taxation data.

GLOSSARY (Continued)

TRUST COMPANY INVESTMENT CERTIFICATES

Trust Company rates on five-year guaranteed investment certificates are monthly averages of the weekly rates quoted by a number of large trust companies.

UNEMPLOYED

The unemployed includes those persons who during the reference week:

i) were without work, had actively looked for work in the past four weeks (ending with reference week), and were available for work.

ii) had not actively looked for work in the past four weeks but had been on layoff for twenty-six weeks or less and were available for work.

iii) had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from reference week, and were available for work.

UNEMPLOYMENT RATE

The unemployment rate represents the number of unemployed persons as a percent of the labour force. The unemployment rate for a particular group, (age, sex, marital status, etc.) is the unemployment in that group expressed as a percent of the labour force for that group.

VALUE ADDED IN MANUFACTURING

The value added for an industry is the residual derived by deducting the value of the goods and services purchased and used in the production process from the value of goods and services produced by that industry.

VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE

Gross value of goods produced from its own materials by the reporting establishment, or for its account. Value is net of discounts, returns and allowances, for outward transportation (but not of own carriers' delivery expense). It includes repair and custom revenue, transfers to reporting units of the same firm, all export, and book value of own products shipped on a rental basis. Unsold domestic consignment shipments are not included.

WAGES AND SALARIES AND SUPPLEMENTARY LABOUR INCOME

Wages and salaries cover all of the earnings from employment of residents paid for work performed, including payments in kind such as free board and lodging. Wages and salaries are estimated on a "gross" basis,(i.e. before deductions) and include director's fees, bonuses, commissions, gratuities, income in kind, taxable allowances, and retroactive wage payments.

Supplementary labour income consists of other expenditures by employers on labours' account that can be regarded as payment for employees' services. Included here are employers' contributions to pension funds, employee welfare funds, unemployment insurance, and workman's compensation.

Military pay and allowances, the payments to members of the Armed Forces in Canada and overseas are treated as compensation for services rendered and include military pay, various types of allowances, and employer contributions to the Armed Forces pension fund.